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# SUPPLEMENT

## PHOTOGRAPHIC INTERPRETATION REPORT



# KH-4 MISSION 1041

10 - 23 MAY 1967

MISSILE EDITION

TCS-80337/67

JUNE 1967

COPY 202

190 PAGES

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**WARNING**

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**TARGET CATEGORIES**

1. GUIDED MISSILES \*
    - A. ICBM Deployment
    - B. IRBM and MRBM (including search areas)
    - C. Research and Development (including space)
    - D. Production Facilities (including test)
    - E. Suspect Missile (Search area or undetermined activity)
    - F.
    - G. Naval Launched Missiles
    - H. Anti-Missile Missile
    - I. SAM Sites
    - J. Short Range Surface-to-surface Missiles
    - K. Missile support/storage areas
    - L. SAM Training Complexes
  2. AIRCRAFT
    - A. Long Range Bases
    - B. Production Facilities (including R and D)
    - C. Airfields
  3. NUCLEAR ENERGY
    - A. Test Area
    - B. Production
    - C. Stockpiles
    - D. Research Institutes
    - E. Suspect Activity
  4. NAVAL ACTIVITY
    - A. Operating Bases
    - B. Production Yards
    - C. Commercial Ports
    - D. Locks and Canals
  5. BIOLOGICAL/CHEMICAL WARFARE
    - A. BW/CW Test Areas (including test)
    - B. Production
    - C. Storage
    - D. Research Institutes
    - E. Suspect Activity
  6. ELECTRONICS
    - A. Missile Tracking Facilities
    - B. Electronics (general)
  7. MILITARY
    - A. Military Installations
    - B. Special Areas
    - C.
    - D. Landing Beaches
    - E.
    - F.
    - G. Tactical SSM Support Facilities
  8. URBAN/INDUSTRIAL
    - A. Complexes
    - B. Industrial Plants
    - C. Geodetic Control Points
  9. OTHER
    - A. Unidentified Installations
- \* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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KH-4 MISSION 1041, 10-23 MAY 1967

TABLE OF CONTENTS

PREFACE	2
HIGHLIGHTS	3
MISSILES	5
INDEX OF TARGETS	171
ATTACHMENTS	APPENDIX

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KH-4 MISSION 1041, 10-23 MAY 1967

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PREFACE

THIS EDITION OF THE OAK SUPPLEMENT FOR MISSION 1041 REPORTS ON THE MISSILE COMOR TARGETS NOT INCLUDED IN THE OAK REPORTS. AIRCRAFT AND NAVAL TARGETS ARE REPORTED IN TCS-80338, MILITARY TARGETS IN TCS-80339, AND ALL OTHER TARGETS IN TCS-80340/67.

THIS REPORT ALSO CONTAINS NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI-DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), GR (GROUND RESOLUTION), AND SS (SMALL SCALE). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHemeris DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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**Highlights**

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### HIGHLIGHTS

1. NINETEEN OF THE 24 DEPLOYED ICBM COMPLEXES ARE OBSERVED ON THIS MISSION. TYPE IID SINGLE SILO LAUNCH SITES ARE NEWLY IDENTIFIED AT 4 OF THE COMPLEXES. ONE PROBABLE AND 2 CONFIRMED SITES ARE AT YEDROVO. SITE 72K AT GLADKAYA FILLS OUT LAUNCH GROUP K. PROBABLE SITES 33K, 34K, AND 37-43K AT KOSTROMA COMPLETE A THIRD GROUP DESIGNATED LAUNCH GROUP K. PROBABLE SITES 43J AND 44J AT KOZELSK INDICATE THE START OF A FOURTH GROUP DESIGNATED LAUNCH GROUP J.
2. THE TYRATAM MISSILE TEST CENTER IS ENTIRELY COVERED ON CLEAR PHOTOGRAPHY. A RAIL BED IS UNDER CONSTRUCTION BETWEEN LAUNCH COMPLEXES A AND J. AN L-SHAPED ELECTRONIC FACILITY IS UNDER CONSTRUCTION AT SITE 13 AND THE SERVICE TOWER AT PAD B1 HAS BEEN RECONSTRUCTED.
3. THE ENTIRE SHUANG-CHENG-TZU MISSILE TEST CENTER RANGEHEAD IS COVERED ON PHOTOGRAPHY OF GENERALLY FAIR INTERPRETABILITY. NEW CONSTRUCTION ACTIVITY AND 5 TENT CAMPS ARE OBSERVED AT SSM TRAINING SITE 3, APPROXIMATELY 70 NM NORTH OF THE MAIN SUPPORT BASE. CONTINUED ACTIVITY AT THE GROUND TARGET MARKER CONSISTS OF A TRIANGULAR PATTERN OF POSSIBLE RADAR REFLECTORS POSITIONED IMMEDIATELY EAST OF THE MARKER.
4. AT THE KALININ PROBABLE LONG RANGE SAM COMPLEX, LAUNCH SITES A AND C ARE OCCUPIED BY LAUNCHERS AND DOLLIES [REDACTED] TWO POSITIONS ARE OCCUPIED IN THE TRACKING GUIDANCE FACILITY. ALL CONSTRUCTION IN THE LAUNCH AREAS APPEARS COMPLETE.
5. CONSTRUCTION CONTINUES AT MOSKVA ABM LAUNCH COMPLEX E21. AT TRIAD 1, BUILDINGS A AND C ARE IN THE MID-STAGE OF CONSTRUCTION. BUILDING B IS IN AN EARLY STAGE.
6. A PROBABLE LONG RANGE SAM COMPLEX IS NEWLY IDENTIFIED AT THREE LOCATIONS IN THE USSR. A FACILITY UNDER CONSTRUCTION 19 NM SW OF KIYEV CONSISTS OF 3 LAUNCH SITES, TRACKING/GUIDANCE FACILITY, AND A SUPPORT AREA. A FACILITY IN AN EARLY STAGE OF CONSTRUCTION 5.5 NM NNW OF NEYA CONSISTS OF A TRACKING/GUIDANCE FACILITY, A SUPPORT AREA, AND A LAUNCH AREA MAIN ROAD. A FACILITY UNDER CONSTRUCTION 20 NM NE OF CHELYABINSK CONSISTS OF 3 LAUNCH SITES, A TRACKING/GUIDANCE FACILITY WITH 3 RADAR POSITIONS, A MISSILE-HANDLING FACILITY, AND A SUPPORT AREA.

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KH-4 MISSION 1041, 10-23 MAY 1967

7. MODIFICATION OR RENOVATION OF MISSILE-READY BUILDINGS IS UNDERWAY AT LAUNCH POSITIONS A-1, A-4, AND A-6 AND AT EACH LAUNCH POSITION AT SITES B AND C AT THE LENINGRAD SW PROBABLE LONG RANGE SAM COMPLEX.

8. CONSIDERABLE ACTIVITY CONTINUES AT SHAN-TAN SAM TRAINING AREAS A AND B IN CHINA. AN INCREASE OF 20-30 TENTS IS OBSERVED IN AREA B [REDACTED]

25X1D

25X2



**STATUS OF TARGET READOUT**

THIS SUPPLEMENT REPORTS ON 487 COMOR TARGETS AND 4 BONUS TARGETS.

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**Missiles**

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

MISSILES

PLESETSK MISSILE AND SPACE CENTER                   UR 6254N 04038E

THE ENTIRE CENTER AND SEARCH AREA ARE COVERED ON PHOTOGRAPHY OF GOOD-TO-FAIR INTERPRETABILITY. HOWEVER, SCATTERED CLOUD COVER AND HAZE PRECLUDE DETAILED INTERPRETATION OF SOME PORTIONS OF THE COMPLEX.

A NEW RAIL SPUR IS UNDER CONSTRUCTION TO THE LARGE NEW MISSILE ASSEMBLY BUILDING BEHIND SITE 2. ACTIVITY BEHIND THE EAST PAD AT SITE 9 INDICATES THE POSSIBLE CONSTRUCTION OF A SECOND GANTRY. A POSSIBLE CRANE AND CONSTRUCTION MATERIAL ARE OBSERVED JUST EAST OF THE GANTRY RAILS. THERE IS ACTIVITY ON THE SOUTHERN PAD AT SITE 13.

POSSIBLE SITE 20 IS NOW CONSIDERED TO BE PROBABLE.

A NEW SINGLE SILO, DESIGNATED LAUNCH SITE 23, IS IDENTIFIED AT 63-00N 041-33E. IT CAN BE NEGATED — — — AND IS FIRST OBSERVED ON THIS MISSION.

NO OTHER SIGNIFICANT ACTIVITY OR MISSILE-ASSOCIATED FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D  
25X1D

25X1D

25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

YURYA ICBM COMPLEX

UR 5904N 04917E

25X9

ALL OF THE 11 LAUNCH SITES, THE COMPLEX SUPPORT  
FACILITY, THE RAIL-TO-ROAD TRANSFER POINT [REDACTED]

25X9

[REDACTED] COVERED ON PHOTOGRAPHY.  
SITE 2 CAN BE IDENTIFIED ONLY. NO SIGNIFICANT ACTIVITY  
OBSERVED.

NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN  
CLOUD-FREE PORTIONS OF THE WESTERN 50 PERCENT OF THE  
50-NM SEARCH AREA.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

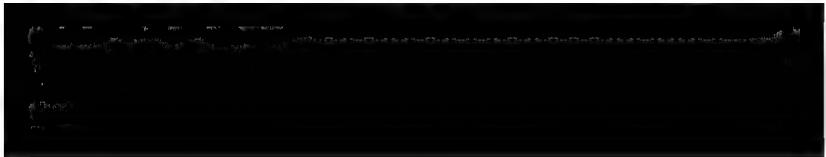
25X1A

VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E

SITE 9 IS THE ONLY COMPONENT OF THE COMPLEX OBSERVED AND IT CAN BE IDENTIFIED ONLY. NO NEW MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE ENTIRE SEARCH AREA.

25X1D

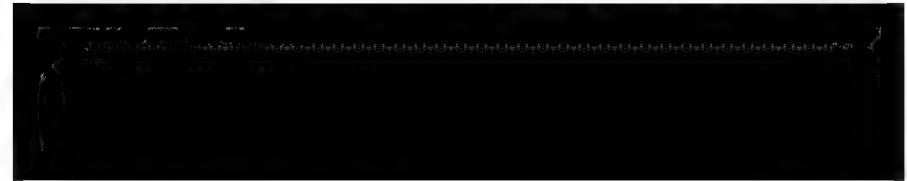


TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

NO NEW ICBM OR ABM/LONG RANGE SAM FACILITIES IDENTIFIED WITHIN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1D



TYURATAM LAUNCH COMPLEX A

UR 4555N 06320E

ANALYSIS OF THE SERVICE TOWER AND SHADOW AT PAD A-1 ON DIFFERENT PASSES INDICATES A CONFIGURATION NOT PREVIOUSLY OBSERVED. THE PAD IS UNCHANGED BUT THE TOWER APPEARS TO HAVE LESS BULK THAN USUAL AND THE APPARENT SHADOW IS VERY SLENDER. THREE EXPLANATIONS OF THIS ARE CONSIDERED EQUALLY POSSIBLE -- THAT THIS IS AN ILLUSION CAUSED BY THE SMALL SCALE OF THE PHOTOGRAPHY, THAT THE MAJOR PORTION OF THE TOWER HAS BEEN RETRACTED DOWNWARD TO A POSITION NOT PREVIOUSLY OBSERVED, OR THAT THE SERVICE TOWER HAS BEEN MODIFIED.

THE RECENTLY CONSTRUCTED LARGE BUILDING IN THE COMPLEX SUPPORT FACILITY IS NOW REFERRED TO AS THE SPACECRAFT FACILITY. A RAIL BED IS UNDER CONSTRUCTION CONNECTING THE SPACECRAFT FACILITY WITH THE GROUP OF BUILDINGS BEING CONSTRUCTED NE OF THE MAB AT COMPLEX J.

AT LAUNCH PADS A2 AND A3, NO SIGNIFICANT CHANGE IS OBSERVED.

(SEE ATTACHMENT)



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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2 TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

TYURATAM LAUNCH COMPLEX B

UR 4559N 06333E

25X1D

SITE B1 -- A SERVICE TOWER HAS BEEN RECONSTRUCTED ON PAD B1. [REDACTED] SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE RAIL SPUR TO THE REAR OF THE PAD AND A LONG VEHICLE/PIECE OF EQUIPMENT IS TO THE REAR OF THE READY BUILDING AT THE END OF THE EAST LEG OF THE RAIL WISHBONE. [REDACTED] 1 LONG VEHICLE/PIECE OF EQUIPMENT AND AT LEAST 2 SMALLER, LIGHT-TONED VEHICLES/PIECES OF EQUIPMENT ARE ADJACENT TO THE PAD.

25X1D

SITE B2 -- SEVERAL SMALL VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH COMPLEX C

UR 4558N 06339E

THE PREVIOUSLY REPORTED POSSIBLE RAIL SPUR UNDER CONSTRUCTION IN THE VICINITY OF PAD C2 CAN NOW BE CONFIRMED. AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS IN THE SW CORNER OF THE LAUNCH AREA.

25X1D



TYURATAM LAUNCH COMPLEX D

UR 4601N 06400E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67

25X1A

TYURATAM LAUNCH COMPLEX E

UR 4557N 06311E

ONE LONG VEHICLE/PIECE OF EQUIPMENT AND 2 SHORT VEHICLES/PIECES OF EQUIPMENT ARE NEAR THE E1 READY BUILDING AND SEVERAL OTHERS ARE PARKED WITHIN THE [REDACTED]

25X9

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH COMPLEX F

UR 4601N 06305E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH COMPLEX G

UR 4604N 06255E

G1-G2 -- SEVERAL POSSIBLE RAIL CARS ARE NEAR THE SITE ENTRANCE. THE MISSILE/COMPONENT FREQUENTLY OBSERVED IS JUST FORWARD OF THE G1 READY BUILDING. DITCHING, POSSIBLY CONTAINING CONDUIT, HAS BEEN DUG FROM A POINT FORWARD OF G2-A TOWARD THE EAST FENCE LINE. GANTRIES ARE IN THEIR USUAL POSITION TO THE REAR OF THE PADS.

G3-G4 -- GANTRIES ARE TO THE REAR OF THE PADS. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

G5-G6 -- SEVERAL LONG VEHICLES/PIECES OF EQUIPMENT ARE ON PAD G5 AND AT LEAST 1 IS ON PAD G6. AT LEAST 5 POSSIBLE LIGHT-TONED MISSILE COMPONENTS ARE ALONG THE SOUTH FENCE LINE. THE GANTRY IS AT THE END OF ITS TRACKS.

REVETTED STORAGE AREA -- A BROAD AREA OF EARTH GRADING IS JUST WEST OF AND ADJACENT TO THE STORAGE AREA. A LONG RECTANGULAR BUILDING HAS BEEN CONSTRUCTED IN THE PREVIOUSLY REPORTED EXCAVATION WEST OF THE STEAMPLANT NORTH OF THE STORAGE AREA.

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

COMPLEX SUPPORT FACILITY -- CONSTRUCTION CONTINUES IN THE NEW AREA OF ACTIVITY WEST OF THE ADMINISTRATION/HOUSING AND TECHNICAL SUPPORT AREA.

25X9



25X1D

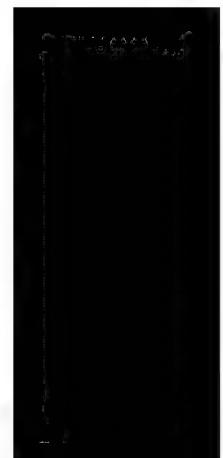
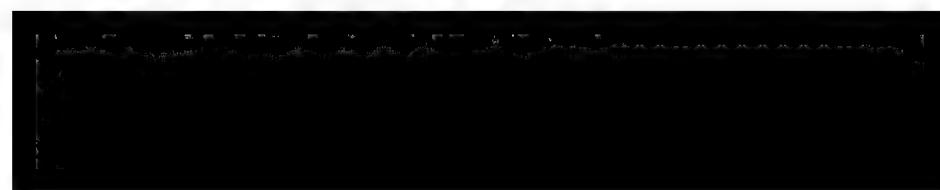
25X1A

TYURATAM LAUNCH COMPLEX H

UR 4559N 06342E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP I (SITES I1-I3, I7) UR 4555N 06326E

25X1D

SITE I1 -- A POSSIBLE LONG VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NORTH OF THE SILO [REDACTED] NO SIGNIFICANT CHANGE OBSERVED.

SITE I2 -- ANOTHER SMALL, PROBABLE STRUCTURE HAS BEEN ADDED BETWEEN THE SILO EXCAVATION AND THE RECTANGULAR BUILDING AT THE SITE ENTRANCE. NO SIGNS OF SILO HEADWORKS ARE OBSERVED.

25X1D

SITE I3 -- PART 3 OF THE [REDACTED] OAK SUPPLEMENT CABLE ERRONEOUSLY REPORTED AN L-SHAPED ELECTRONIC FACILITY UNDER CONSTRUCTION. SILO HEADWORKS ARE STILL NOT OBSERVED. A POSSIBLE STRUCTURE IS LOCATED AT THE EDGE OF THE EXCAVATION, SE OF THE CORING.

SITE I7 -- THE SOUTH SILO APPEARS TO BE PARTIALLY BACKFILLED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

TYURATAM LAUNCH GROUP I (SITE I4)

UR 4554N 06320E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



TYURATAM LAUNCH GROUP I (SITES I5, I6) UR 4559N 06333E

SITE I5 -- NO SIGNIFICANT CHANGE OBSERVED.

SITE I6 -- A RECTANGULAR IMAGE, POSSIBLY DITCHES OR FOOTINGS, IS OBSERVED IN THE BOTTOM OF THE SILO EXCAVATION. A STRUCTURE IS UNDER CONSTRUCTION BETWEEN THE SILO EXCAVATION AND THE BUILDING AT THE SITE ENTRANCE. DITCHING EXTENDS GENERALLY EASTWARD FOR A SHORT DISTANCE. SIMILAR CONSTRUCTION HAS RECENTLY BEEN OBSERVED AT SITES I2, I3, AND 17.

25X1D



TYURATAM LAUNCH COMPLEX J UR 4555N 06317E

SIDES OF THE ERECTOR/SERVICE TOWER FORWARD OF PAD J1 ARE BEING CONSTRUCTED UPWARD, PARTICULARLY ON THE SIDE PRESENTLY FARthest FROM THE PAD. THE NEARLY SQUARE BUILDING FORWARD OF PAD J2 NOW HAS A LOW CIRCULAR STRUCTURE ON TOP OF IT. TWO BUILDINGS ARE UNDER CONSTRUCTION IN THE PREVIOUSLY REPORTED LARGE EXCAVATIONS LOCATED SE OF PAD J2 AND OFF THE END OF THE ARCUATE CONDUIT FORWARD OF J2. AN EXCAVATION HAS BEEN DUG NE OF PAD J1 JUST INSIDE THE FORWARD FENCE LINE. THREE BLOCK-LIKE STRUCTURES, SIMILAR TO THOSE AT PAD J1, HAVE BEEN CONSTRUCTED ON TOP OF THE BLAST DEFLECTOR AT PAD J2, ONE ON EACH SIDE OF THE NW FLUME AND ONE ON THE SOUTH SIDE OF THE NE FLUME.

CONSTRUCTION CONTINUES ON THE NEW BUILDINGS LOCATED BETWEEN THE MAB AND THE LAUNCH AREA. THE NEW ROAD SERVING THIS AREA NOW JOINS THE ROAD TO THE LAUNCH AREA AND A DITCH HAS BEEN DUG GENERALLY PARALLEL TO THIS NEW ROAD WHICH PROBABLY WILL PROVIDE UTILITIES TO THE AREA

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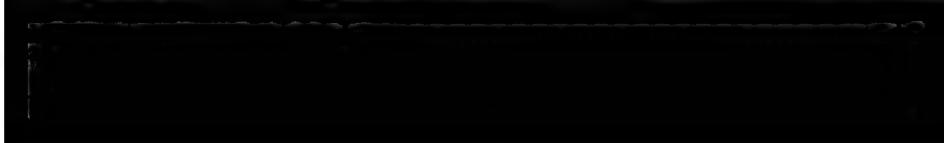
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OF CONSTRUCTION. A RAIL BED IS UNDER CONSTRUCTION CONNECTING THIS AREA OF CONSTRUCTION WITH THE NEW LARGE BUILDING, NOW REFERRED TO AS THE SPACECRAFT FACILITY, AT COMPLEX A. A RAIL SPUR HAS ALSO BEEN CONSTRUCTED ALONG THE WEST SIDE OF THE MAB, CONNECTING THE RAILS ON THE GANTRY TRACK FOUNDATIONS WITH A WYE SOUTH OF THE MAB.

THE LAST OF THE MULTISTORY MASONRY BUILDINGS UNDER CONSTRUCTION IN THE ADMINISTRATION/HOUSING AND TECHNICAL SUPPORT AREA APPEARS COMPLETE. THE PROBABLE CONTROL BUILDING NORTH OF THE MAB HAS BEEN BACKFILLED AND EARTH MOUNDED.

(SEE ATTACHMENT)

25X1D



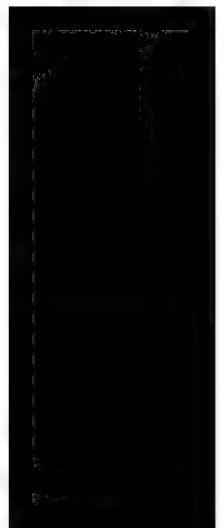
25X1A

TYURATAM LAUNCH GROUP K (SITE K1-K2) UR 4601N 06303E

AT LEAST 6 VEHICLES/PIECES OF EQUIPMENT ARE IN THE VICINITY OF SITE K2.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP K (SITE K3) UR 4604N 06256E

SEVERAL SMALL VEHICLES/PIECES OF EQUIPMENT ARE PARKED AT VARIOUS POINTS ALONG THE SOUTH FENCE LINE. THE APRON IN THE VICINITY OF THE SILO HAS A CLUTTERED, POSSIBLY DISRUPTED APPEARANCE.

25X1D



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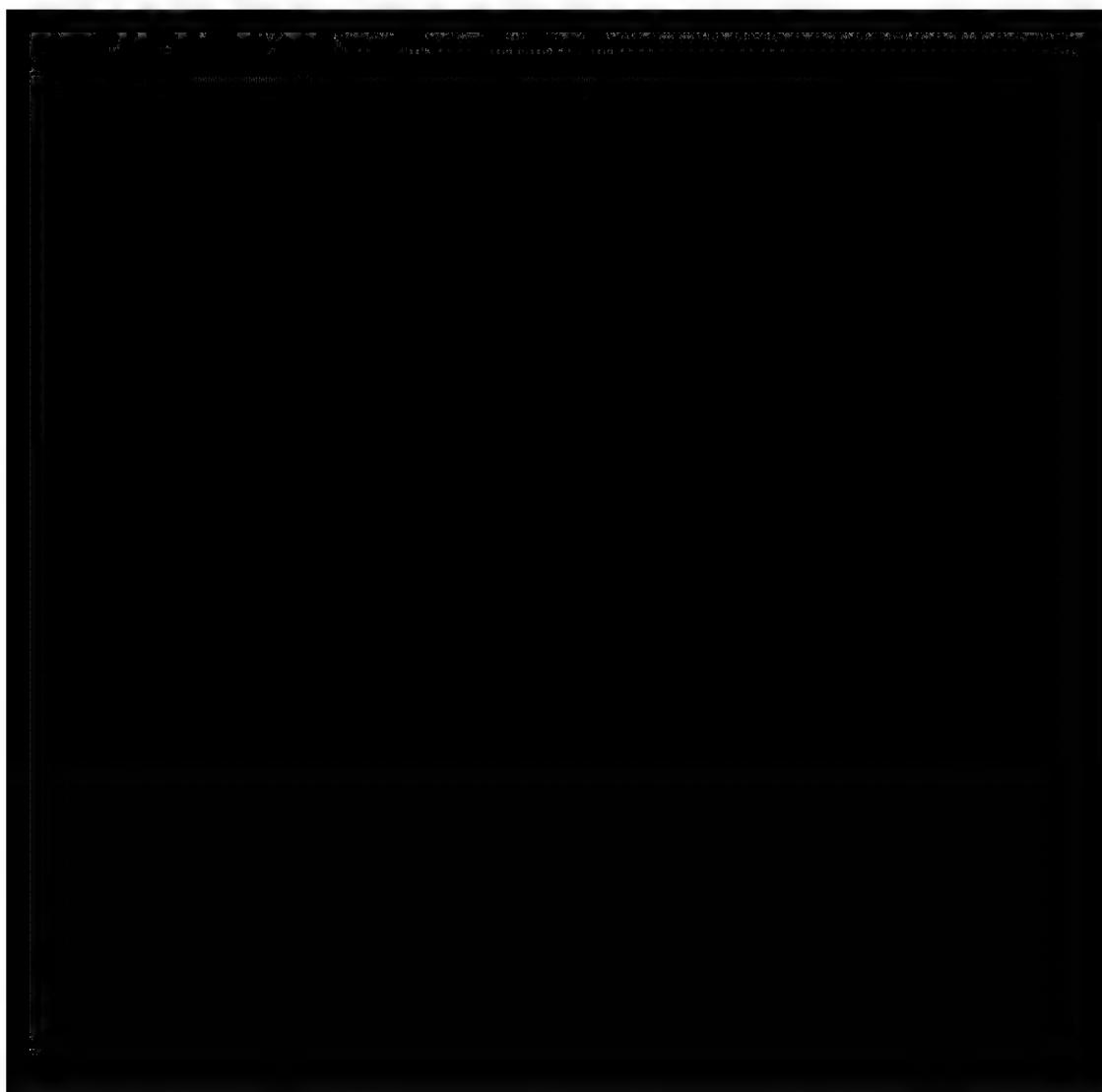
TYURATAM LAUNCH GROUP L

UR 4603N 06259E



A VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON THE APRON NEAR THE SILO AT SITES L2, L3, L7, L8, AND L9. NO SIGNIFICANT CHANGE IS OBSERVED AT ANY OTHER SITE IN LAUNCH GROUP L.

25X1D



25X1A

TYURATAM LAUNCH GROUP M (SITE M1)

UR 4603N 06302E



CONSTRUCTION CONTINUES ON THE SILO HEADWORKS, WHICH NOW APPEAR TO HAVE A LENGTH/WIDTH RATIO CONSIDERABLY HIGHER THAN THE 65 X 60-FT DIMENSIONS REPORTED PREVIOUSLY. THE HEADWORKS NOW APPEARS TO HAVE 3 SECTIONS OR COMPARTMENTS APPROXIMATELY EQUAL IN SIZE. NO OTHER

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KH-4 MISSION 1041, 10-23 MAY 1967

SIGNIFICANT CHANGES OBSERVED.

25X1D



25X1A

TYURATAM LAUNCH GROUP M (SITE M2)

UR 4600N 06301E

SILO HEADWORKS, SIMILAR TO THOSE AT SITE M1, ARE UNDER CONSTRUCTION IN THE SILO EXCAVATION AND A SITE ACCESS ROAD HAS BEEN CONSTRUCTED WHICH RESEMBLES A TYPICAL T-SHAPED TYPE IID ACCESS ROAD. THE NEWLY CONSTRUCTED ROAD WHICH BY-PASSES THE SITE HAS BEEN EXTENDED A SHORT DISTANCE, BUT NO SIGNIFICANT NEW CONSTRUCTION ACTIVITY IS OBSERVED NEAR ITS PRESENT TERMINUS.

25X1D



TYURATAM LAUNCH GROUP M (SITE M3)

UR 4602N 06306E

THE POSSIBLE SILO HEADWORKS PREVIOUSLY REPORTED UNDER CONSTRUCTION CAN NOW BE CONFIRMED.

25X1D



TYURATAM LAUNCH GROUP N (SITE N1)

UR 4602N 06303E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP N (SITE N2-N3)

UR 4604N 06257E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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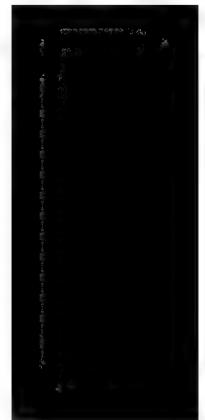
25X1A

TYURATAM MAIN SUPPORT BASE

UR 4538N 06317E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

ALL 6 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. POSSIBLE VEHICULAR ACTIVITY IS OBSERVED ON THE LEFT PAD AND ON LAUNCH SITE 4. NO OTHER NEW MISSILES OR MISSILE-ASSOCIATED ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE WESTERN TWO-THIRDS OF THE 50-NM SEARCH AREA.

25X1D



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25X1A

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

NO NEW MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED IN THE SOUTHERN 10 PERCENT OF THE 50-NM SEARCH AREA COVERED ON CLOUD-FREE PHOTOGRAPHY. THE ENTIRE ICBM COMPLEX IS CLOUD COVERED.

25X1D



DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

A TYPE IIID SITE, DESIGNATED SITE 59K, IS NEWLY IDENTIFIED AT 51-27N 113-24E. THE SITE IS FIRST SEEN [REDACTED] AND CAN BE NEGATED ON [REDACTED] IT IS IN THE MID-STAGE OF CONSTRUCTION. THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO OTHER NEW MISSILE FACILITIES ARE OBSERVED.

25X1D  
25X1D

ALL 51 TYPE IIID LAUNCH SITES, THE 6 SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP G -- ALL 10 SITES (7-14, 16, AND 18) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP H -- ALL 10 SITES (15, 19-26, AND 28) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP I -- EIGHT OF THE 10 SITES (29-34, 37, AND 40) ARE COMPLETE. SITES 35 AND 36 ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- SITES 38, 39, 43, 44, 47, AND 50 ARE IN A LATE STAGE OF CONSTRUCTION. SITES 42, 45, 46, AND 48 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP K -- ALL SITES (49 AND 51-59) ARE IN THE MID-STAGE OF CONSTRUCTION. PROBABLE SITE 58 CAN NOW BE CONFIRMED.

TRANSFER POINT SITE -- SITE 41X IS IN A LATE STAGE OF CONSTRUCTION.

25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

## KOSTROMA ICBM COMPLEX

UR 5746N 04101E

SEVEN SS-7 LAUNCH SITES (SITES 1-7), 30 TYPE IIID LAUNCH SITES (INCLUDING 9 PROBABLE NEWLY IDENTIFIED SITES), THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THE PROBABLE NEWLY IDENTIFIED TYPE IIID LAUNCH SITES ARE -- SITE 33 AT 57-47N 041-24E, SITE 34 AT 57-44N 041-12E, SITE 37 AT 57-40N 041-03E, PROBABLE CONTROL SITE 38 AT 57-39N 041-10E, SITE 39 AT 57-38N 041-17E, SITE 40 AT 57-36N 041-26E, SITE 41 AT 57-35N 041-10E, SITE 42 AT 57-32N 041-11E, AND SITE 43 AT 57-32N 041-17E. SITES 33, 34, 37-39, 41, AND 43 CAN ALL BE NEGATED [REDACTED] AND WERE FIRST SEEN [REDACTED] SITE 40 CAN BE NEGATED [REDACTED] AND IS FIRST SEEN [REDACTED] SITE 42 CAN BE NEGATED [REDACTED] AND IS FIRST SEEN [REDACTED] SITES 33 AND 34 ARE IN THE MID-STAGE OF CONSTRUCTION. THE STAGES OF CONSTRUCTION OF SITES 37-43 ARE UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE  
TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

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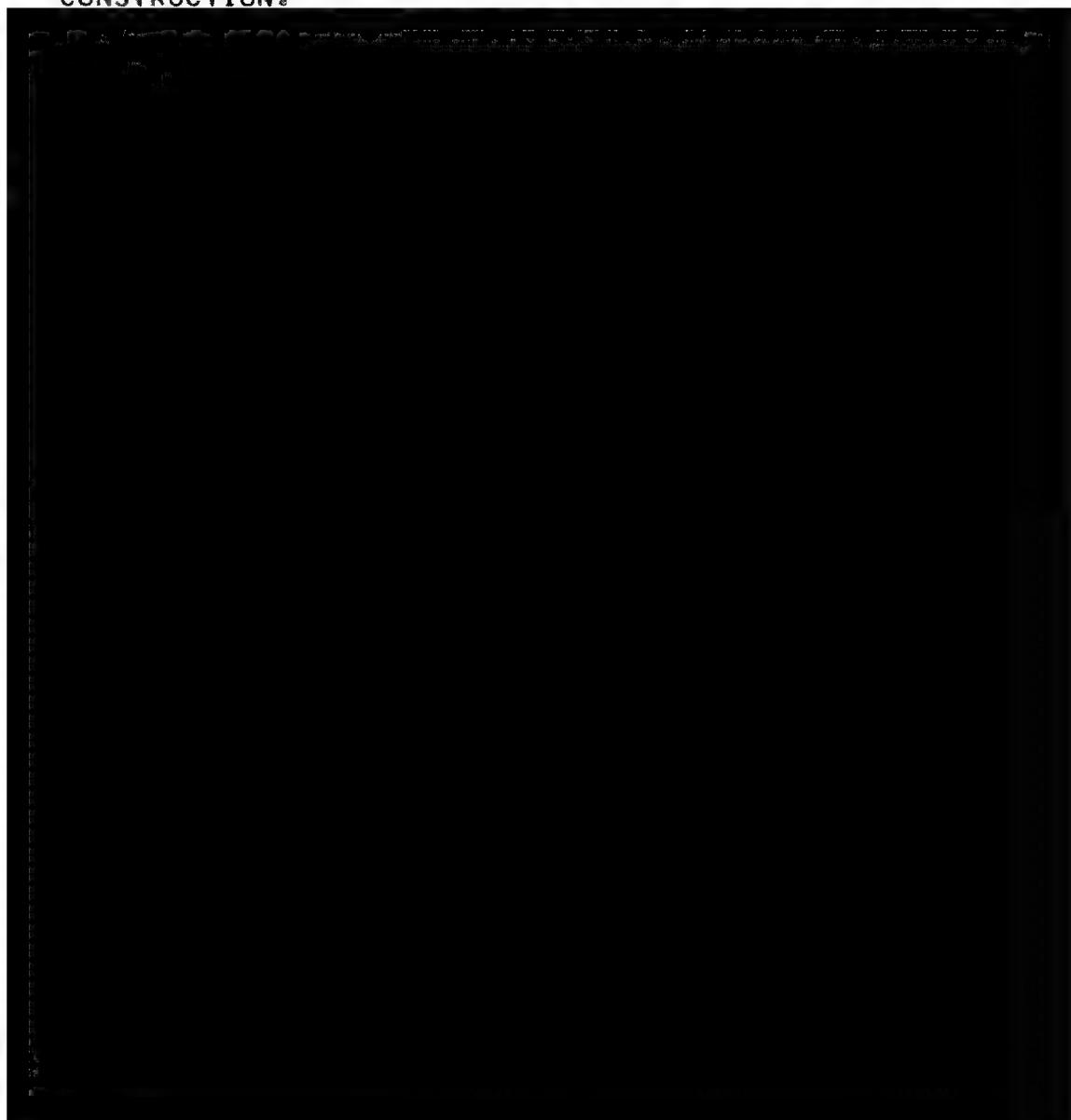
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LAUNCH GROUP I -- ALL 10 SITES ARE INTERPRETABLE.  
SITES 9, 10, 21-24, 26, 30, AND 31 ARE ALL IN LATE  
STAGES OF CONSTRUCTION. SITE 33 IS IN THE MID-STAGE OF  
CONSTRUCTION.

LAUNCH GROUP J -- ALL 10 SITES ARE INTERPRETABLE.  
SITES 12-19, 28, AND 32 ARE ALL IN THE MID-STAGE OF  
CONSTRUCTION.

LAUNCH GROUP K -- ALL 10 SITES ARE INTERPRETABLE.  
SITES 34-36 ARE IN THE MID-STAGE OF CONSTRUCTION.  
PROBABLE SITES 37-43 ARE IN UNDETERMINED STAGES OF  
CONSTRUCTION.

25X1D



25X1D

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25X1D



25X1A

ITATKA ICBM COMPLEX

UR 5650N 08535E



THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO NEW MISSILES OR MISSILE-ASSOCIATED ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

ALL 3 LAUNCH AREAS, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITY ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SHADRINSK ICBM COMPLEX

UR 5607N 06339E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED-TO-HEAVY CLOUD COVER. HOWEVER, THE COMPLEX IS NOT OBSERVED. NO NEW MISSILE FACILITIES OBSERVED.

25X1D

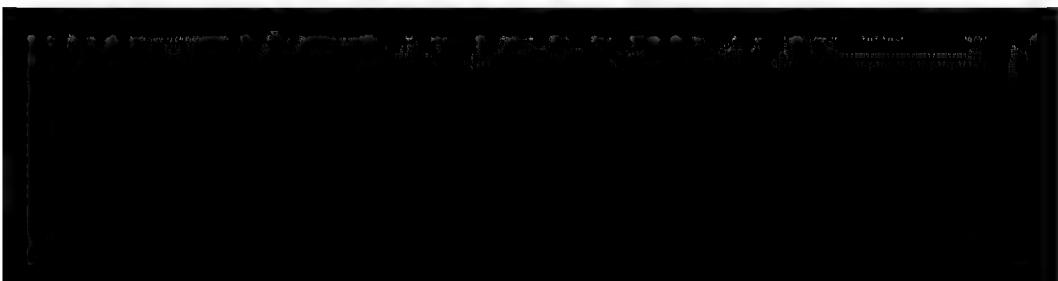


OMSK ICBM COMPLEX

UR 5504N 07331E

ALL COMPONENTS OF THE COMPLEX ARE COVERED ON PHOTOGRAPHY. NO SIGNIFICANT ACTIVITY OBSERVED AT THE COMPLEX SUPPORT FACILITY OR THE RAIL-TO-ROAD TRANSFER POINT. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF THE SEARCH AREA.

25X1D



PERM ICBM COMPLEX

UR 5742N 05619E

THE 41 KNOWN TYPE IIID LAUNCH SITES, 5 TYPE II LAUNCH SITES, 1 TYPE IIIA LAUNCH SITE, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES --

LAUNCH GROUP G -- ALL 10 SITES (7,11-13,15,18-20,23, AND 35) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP H -- ALL 10 SITES (29-34,36,40,42, AND 59) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP J -- ALL 10 SITES (45-49,51,52,57,58, AND 61) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP I -- NINE OF THE 10 SITES ARE COMPLETE. NINE SITES (8,10,16,17,22,25,38,41, AND 43) ARE

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COMPLETE AND INTERPRETABLE. SITE 39 WAS IN A LATE STAGE OF CONSTRUCTION. ITS CURRENT CONSTRUCTION STATUS IS UNDETERMINED.

LAUNCH SITE 60X IS IN A LATE STAGE OF CONSTRUCTION.

NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.



25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

TEYKOVO ICBM COMPLEX

UR 5652N 04034E



THE 6 KNOWN TYPE II LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT, AND THE HARDENED COMMUNICATION FACILITY ARE OBSERVED. NO SIGNIFICANT ACTIVITY IS OBSERVED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D



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25X1A

TYUMEN ICBM COMPLEX

UR 5652N 06551E

THE WESTERN ONE-THIRD OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE AREAS.

25X1D

YEDROVO ICBM COMPLEX

UR 5751N 03340E

THIRTY-SEVEN OF THE 39 TYPE IID LAUNCH SITES, ALL 8 SS-7 LAUNCH SITES.

[REDACTED] THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS TOTAL INCLUDES SITES 39-44, NEWLY IDENTIFIED ON THIS MISSION, AND 11 SITES (45-55) NEWLY IDENTIFIED ON

25X1D

[REDACTED] THESE 17 NEW SITES CONFIRM THE EXISTENCE OF A TOTAL OF 4 TYPE IID LAUNCH GROUPS AT YEDROVO ICBM COMPLEX. THE 6 NEW SITES IDENTIFIED ON THIS MISSION, SITE 39 AT 57-52N 033-52E, SITE 40 AT 57-50N 033-54E, SITE 41 AT 57-47N 033-52E, SITE 42 AT 57-51N 034-08E, SITE 43 AT 57-47N 034-08E, AND SITE 44 AT 57-44N 033-58E, ARE ALL IN LAUNCH GROUP L, AND IN UNDETERMINED STAGES OF CONSTRUCTION. ALL CAN BE NEGATED

25X1D

25X1D

[REDACTED] AND ARE FIRST SEEN [REDACTED] NO SIGNIFICANT ACTIVITY IS OBSERVED AT ANY PART OF THE COMPLEX. NO OTHER NEW MISSILE FACILITIES ARE OBSERVED IN THE INTERPRETABLE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IID LAUNCH SITES ARE AS FOLLOWS --

25X1D

LAUNCH GROUP I -- ALL 10 SITES ARE IN UNDETERMINED STAGES OF CONSTRUCTION. AS REPORTED IN THE OAK FOR [REDACTED] THE L-SHAPED ELECTRONIC FACILITY AT SITE 11 IS ABANDONED.

LAUNCH GROUP J -- 9 SITES (27, 28, AND 30-36) ARE IN UNDETERMINED STAGES OF CONSTRUCTION. THE LACK OF PROGRESS ON THE L-SHAPED ELECTRONIC FACILITY AT CONTROL SITE 27 INDICATES THAT THE L WILL NOT BE COMPLETED, ALTHOUGH THE CONTROL BUNKER IS VISIBLE. THE APPARENT ABANDONMENT OF THIS L PARALLELS THE SITUATION AT SITE 11, AND AT OTHER SINGLE SILO COMPLEXES (OLOVYANNAYA SITES 55 AND 60 AND IMENI GASTELLO SITE 17).

LAUNCH GROUP K -- ONLY 8 OF THE EXPECTED 10 SITES HAVE

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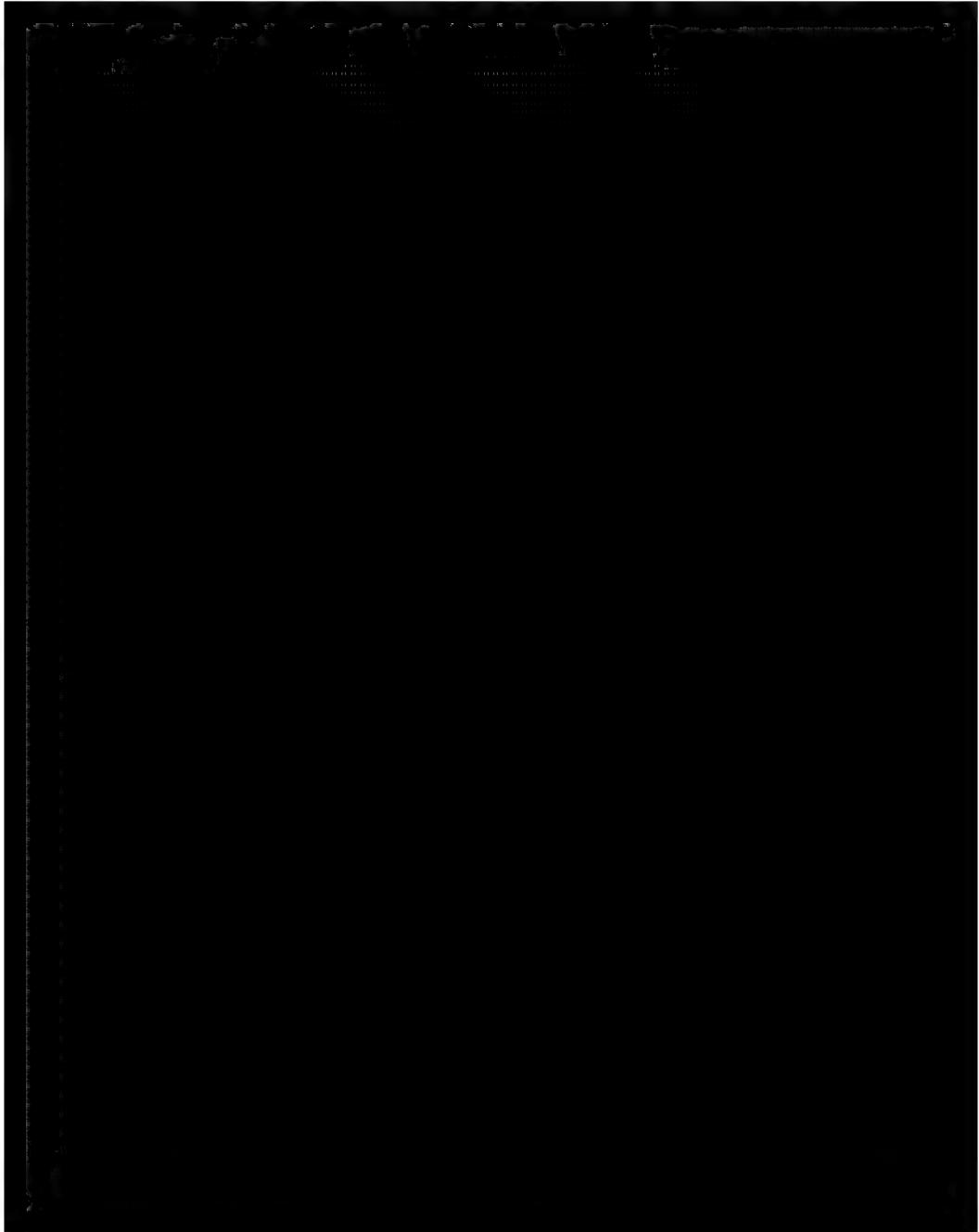
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BEEN IDENTIFIED. THEY ARE ALL IN UNDETERMINED STAGES OF CONSTRUCTION.

LAUNCH GROUP L -- ALL 10 SITES ARE IN AN UNDETERMINED STAGES OF CONSTRUCTION.

TRANSFER POINT SITE -- POSSIBLE SITE 55X IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GLADKAYA ICBM COMPLEX

UR 5606N 09214E



THE 61 TYPE IIID LAUNCH SITES, THE 3 SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS TOTAL INCLUDES 1 NEWLY IDENTIFIED TYPE IIID LAUNCH SITE, DESIGNATED 72K, AT 56-36N 092-59E, WHICH IS CONFIRMED AND IN A LATE STAGE OF CONSTRUCTION. IT CAN BE NEGATED.

[REDACTED] AND IS FIRST SEEN [REDACTED]. ALL LAUNCH SITES IN LAUNCH GROUPS I AND J ARE COMPLETE. POSSIBLE LAUNCH SITES 66, 69, AND 71 AND PROBABLE LAUNCH SITE 70 ARE NOW CONFIRMED.

DETAILED DATA AND CONSTRUCTION STATUS FOR TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP F -- ALL SITES ARE COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP G -- ALL SITES ARE COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP H -- ALL SITES ARE COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP I -- ALL SITES ARE NOW COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP J -- ALL SITES ARE NOW COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP K -- EIGHT SITES ARE NOW IN A LATE STAGE OF CONSTRUCTION. SITE 60 IS IN AN UNDETERMINED STAGE AND SITE 63 IS IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH SITE 59X IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D

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25X1D



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**Next 1 Page(s) In Document Exempt**

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CS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

UZHUR ICBM COMPLEX

UR 5517N 08949E



TWENTY-EIGHT OF THE 43 KNOWN SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO NEW MISSILE OR ABM/PROBABLE LONG RANGE SAM FACILITIES ARE OBSERVED IN THE SOUTHERN 75 PERCENT OF THE SEARCH AREA COVERED ON PHOTOGRAPHY. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA ARE AS FOLLOWS --

LAUNCH GROUP A -- FIVE SITES (1-3, 5, AND 6) ARE INTERPRETABLE.

LAUNCH GROUP B -- FIVE SITES (7-9, 11, AND 14) ARE INTERPRETABLE.

LAUNCH GROUP C -- THREE SITES (12, 13, AND 15) ARE INTERPRETABLE.

LAUNCH GROUP D -- SITE 21 IS IN A LATE STAGE OF CONSTRUCTION. SITES 20 AND 22 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH GROUP E -- SITES 26, 28, 29, 30, AND 31 ARE IN THE MID-STAGE OF CONSTRUCTION.

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

LAUNCH GROUP F -- SITE 34 IS IN THE MID-STAGE OF CONSTRUCTION. SITE 36 IS IN AN EARLY STAGE OF CONSTRUCTION.

LAUNCH GROUP G -- SITES 38, 40, AND 41 ARE IN AN EARLY STAGE OF CONSTRUCTION. SITE 42 IS IN THE MID-STAGE OF CONSTRUCTION.

TRANSFER POINT SITE --- SITE 19X IS IN THE MID-STAGE OF CONSTRUCTION.

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25X1D



25X1A

NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

THE COMPLEX IS CLOUD COVERED OR NOT COVERED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE WESTERN ONE-THIRD OF THE 50-NM SEARCH AREA.

25X1D

KOZELSK ICBM COMPLEX

UR 5356N 03549E

THIRTY-THREE KNOWN TYPE IIID LAUNCH SITES, ALL 5 SS-8 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS INCLUDES 2 NEWLY IDENTIFIED TYPE IIID SITES, 43J AT 54-03N 035-45E AND 44J AT 54-09N 035-47E. BOTH SITES ARE FIRST SEEN ON THIS MISSION AND CAN BE NEGATED [REDACTED] THEY ARE IN EARLY STAGES OF CONSTRUCTION. SITE 13 IS NOT CONSIDERED A VALID SITE AND IS DELETED FROM NPIC LISTINGS. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D  
25X1D

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID LAUNCH SITES UNDER CONSTRUCTION --

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KH-4 MISSION 1041, 10-23 MAY 1967

LAUNCH GROUP G -- ALL 10 SITES ARE INTERPRETABLE.  
SITES 7, 8, 10-12, 25, AND 26 ARE IN LATE STAGES OF  
CONSTRUCTION. SITES 9, 22, AND 23 ARE IN THE MID-STAGE  
OF CONSTRUCTION.

LAUNCH GROUP H -- ALL 10 SITES ARE INTERPRETABLE.  
SITES 28 AND 29 ARE IN LATE STAGES OF CONSTRUCTION AND  
SITES 15-20, 30, AND 39 ARE IN THE MID-STAGE OF  
CONSTRUCTION.

LAUNCH GROUP I -- NINE OF THE 10 SITES ARE  
INTERPRETABLE. SITES 32-35, 37, 38, 40, 41, AND 45 ARE  
IN THE MID-STAGE OF CONSTRUCTION. SITE 36 CAN BE  
IDENTIFIED ONLY.

LAUNCH GROUP J -- LAUNCH SITES 43 AND 44 APPEAR TO BE  
IN EARLY STAGES OF CONSTRUCTION AND SITE 47 IS IN THE  
MID-STAGE OF CONSTRUCTION.

25X1D



25X1D

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**Next 1 Page(s) In Document Exempt**

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

OLOVVANNAYA ICBM COMPLEX

UR 5049N 11550E



ALL 81 TYPE IIID LAUNCH SITES, THE 3 TYPE IIIA LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. A MODERATELY LOW LEVEL OF ACTIVITY IS OBSERVED AT THE COMPLEX SUPPORT FACILITY. NO SIGNIFICANT ACTIVITY IS OBSERVED AT THE TYPE IIIA LAUNCH SITES (1-3) OR THE TRANSFER POINT SITE. NO NEW MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE ENTIRE SEARCH AREA.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID LAUNCH SITES --

LAUNCH GROUP D -- ALL 10 SITES (4-13) ARE COVERED. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP E -- ALL 10 SITES (14-23) ARE COVERED. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP F -- ALL 10 SITES (35-44) ARE COVERED. LAUNCH SITES 37, 39, AND 41 ARE NOW COMPLETE, BRINGING TO 8 THE NUMBER OF SITES COMPLETE IN THIS GROUP. SITES 43 AND 44 ARE IN LATE STAGES OF CONSTRUCTION.

LAUNCH GROUP G -- ALL 10 SITES (25-34) ARE COVERED. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP H -- ALL 10 SITES (45-52, 57, AND 58) ARE COVERED. LAUNCH SITE 49 IS NOW COMPLETE AND SITE 46 WAS PREVIOUSLY REPORTED AS COMPLETE. THE OTHER 8 SITES ARE IN LATE STAGES OF CONSTRUCTION.

LAUNCH GROUP I -- ALL 10 SITES (55, 56, 59, 78, AND 81-86) ARE COVERED. SITE 55 IS NOW COMPLETE. HOWEVER, CONSTRUCTION CONTINUES ON THE CONTROL FACILITY. SITES 56, 59, 78, 81, 82, AND 84 ARE IN LATE STAGES OF CONSTRUCTION. SITES 83, 85, AND 86 ARE IN THE MID-STAGE OF CONSTRUCTION.

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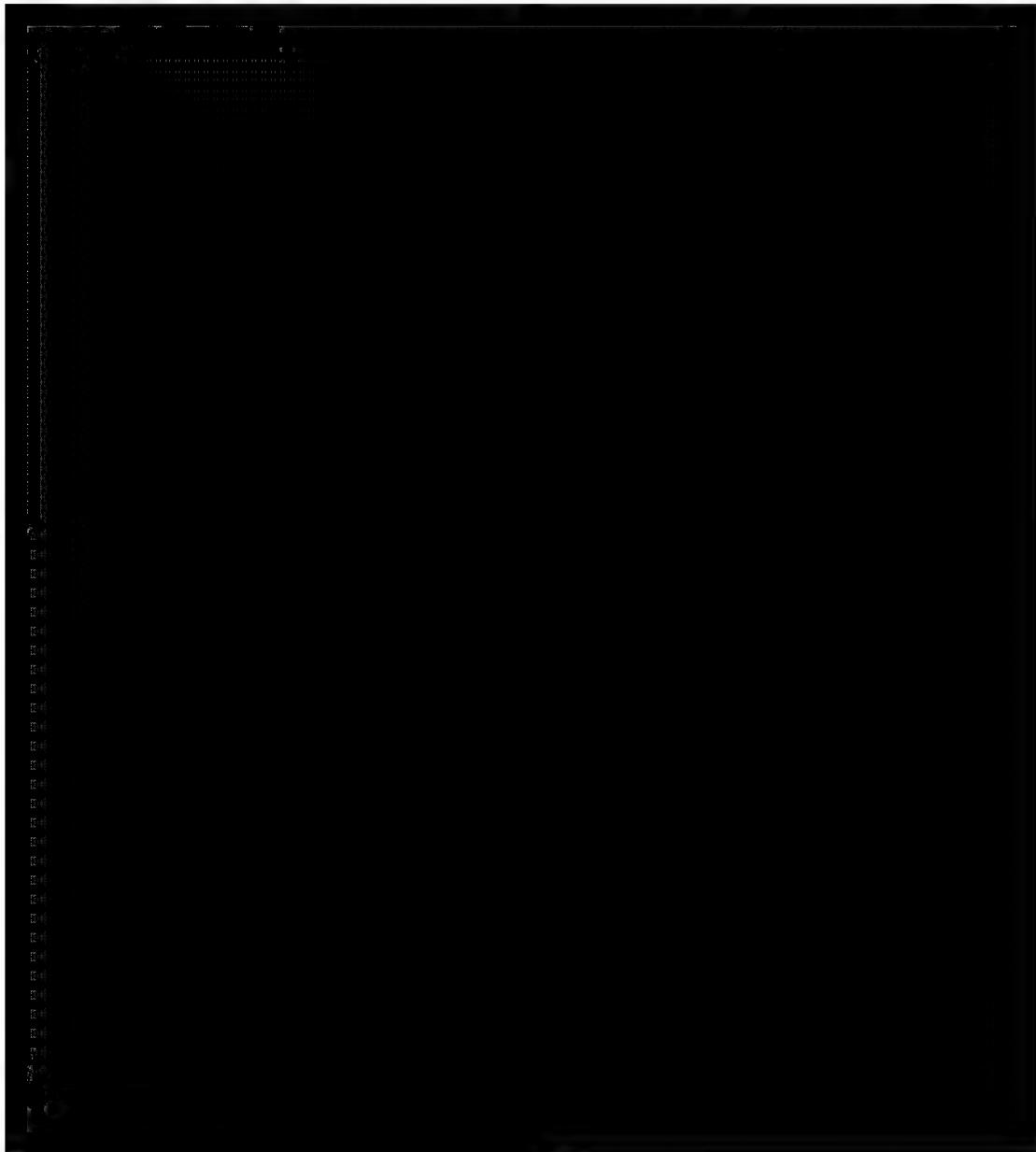
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LAUNCH GROUP J -- ALL 10 SITES (60-62, 64, 65, AND 73-77) ARE COVERED. SITE 65 IS IN THE LATE STAGE OF CONSTRUCTION AND THE OTHER 9 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP K -- ALL 10 SITES (63, 66-72, 79, AND 80) ARE COVERED. SITES 63 (NOW CONFIRMED AS THE CONTROL SITE) AND 71 ARE IN THE LATE STAGE OF CONSTRUCTION. THE OTHER 8 SITES ARE IN THE MID-STAGE OF CONSTRUCTION.

TRANSFER POINT SITE -- SITE 24X IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

ZHANGIZ-TOBE ICBM COMPLEX

UR 4912N 08109E



TEN OF THE KNOWN 25 TYPE IIIC LAUNCH SITES AND THE COMPLEX SUPPORT FACILITY ARE INTERPRETABLE. FOURTEEN LAUNCH SITES AND THE RAIL-TO-ROAD TRANSFER POINT CAN BE IDENTIFIED ONLY. NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED WITHIN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 SITES ARE COMPLETE. FIVE SITES 1-3, 5, AND 6 ARE INTERPRETABLE.

LAUNCH GROUP B -- ALL 6 SITES ARE COMPLETE. FOUR SITES (7 AND 9-11) ARE INTERPRETABLE.

LAUNCH GROUP C -- SITE 18 IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



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25X1A

DOMBAROVSKIY ICBM COMPLEX

UR 5101N 05950E

ALL 37 TYPE IIIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. LAUNCH SITE 31 CAN NOW BE CONFIRMED AS THE CONTROL SITE FOR LAUNCH GROUP E AND LAUNCH SITE 37 IS NOW IDENTIFIED AS THE CONTROL SITE FOR LAUNCH GROUP F. CONSIDERABLE ACTIVITY IS OBSERVED IN THE DISTRIBUTION POINT OF THE COMPLEX SUPPORT FACILITY. HOWEVER, THE QUANTITY OF MATERIALS IS PROBABLY FOR EXISTING SITES STILL UNDER CONSTRUCTION. NO SIGNIFICANT ACTIVITY IS OBSERVED IN THE TRANSFER POINT. UNIDENTIFIED SCARRING AND TRACK ACTIVITY EAST OF LAUNCH GROUP F MAY INDICATE A SEVENTH LAUNCH GROUP. HOWEVER,

[REDACTED] NO NEW

MISSILE-RELATED ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE ENTIRE SEARCH AREA.

DETAILED DATA FOR INTERPRETABLE LAUNCH SITES IN COMPLETED LAUNCH GROUPS IS AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 SITES (1-4, 6, AND 7) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP B -- ALL 6 SITES (8-13) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE LAUNCH SITES IN LAUNCH GROUPS STILL UNDER CONSTRUCTION ARE AS FOLLOWS --

LAUNCH GROUP C -- ALL 6 SITES (14-19) ARE INTERPRETABLE AND IN A LATE STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE L-SHAPED ELECTRONIC FACILITY AT CONTROL SITE 15. THE CONTROL BUNKER IS BACKFILLED AND THE TANK EXCAVATION REMAINS OPEN. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP D -- ALL 6 SITES (21-26) ARE INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION. A SILO LINER IS ON THE RECTANGULAR MOUND AT SITE 25. THE CONTROL BUNKER AT SITE 21 REMAINS UNCOVERED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP E -- ALL 6 SITES (28-32 AND 34) ARE INTERPRETABLE. ALL SITES ARE IN THE MID-STAGE OF CONSTRUCTION. AN EXCAVATION FOR THE CONTROL BUNKER ENABLES CONFIRMATION OF SITE 31 AS THE CONTROL SITE. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

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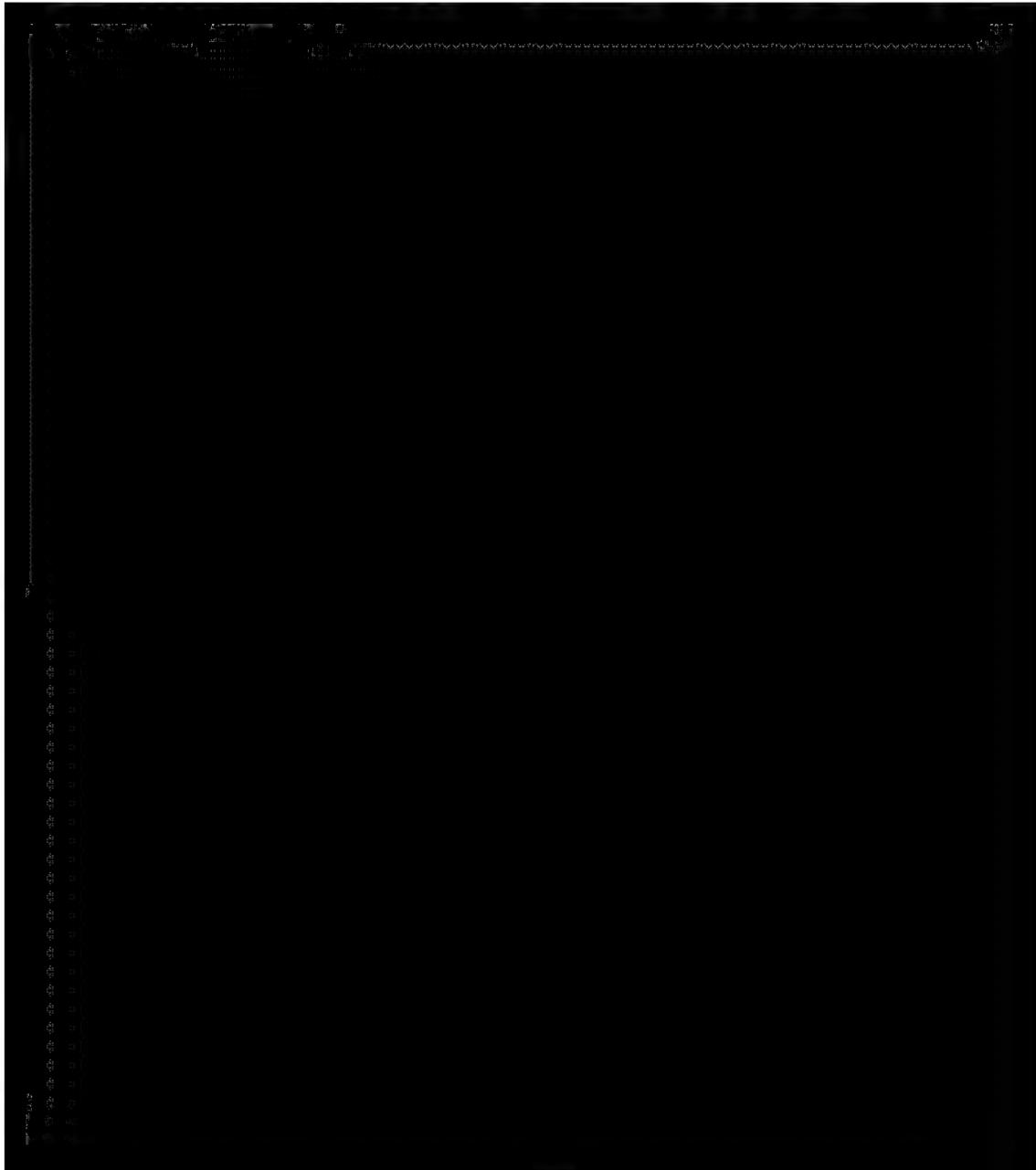
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KH-4 MISSION 1041, 10-23 MAY 1967

LAUNCH GROUP F -- ALL 6 SITES (35-40) ARE INTERPRETABLE. ALL SITES ARE IN AN EARLY STAGE OF CONSTRUCTION. LAUNCH SITE 40 CAN NOW BE CONFIRMED. AN EXCAVATION FOR THE CONTROL BUNKER CONFIRMS SITE 37 AS THE CONTROL SITE. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

TRANSFER POINT SITE -- LAUNCH SITE 33X IS INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

ALEYSK ICBM COMPLEX

UR 5229N 08243E

THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO NEW MISSILE FACILITIES ARE OBSERVED WITHIN THE CLOUD-FREE PORTIONS. ELEVEN OF THE 19 LAUNCH SITES AND THE RAIL-TO-ROAD TRANSFER POINT ARE IDENTIFIED ONLY. THE REMAINING 8 LAUNCH SITES AND THE COMPLEX SUPPORT FACILITY ARE NOT OBSERVED.

25X1D



KARTALY ICBM COMPLEX

UR 5302N 06034E

ALL 29 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY (CSF), AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THE ANTENNA SILO POSITIONS FOR THE ELECTRONICS FACILITY AT SITE 14C ARE VISIBLE. HOWEVER, NO DITCHING IS PRESENT BETWEEN THESE POSITIONS AND THE CONTROL BUNKER. NO SIGNIFICANT ACTIVITY IS OBSERVED AT THE TRANSFER POINT AND ONLY A MINOR LEVEL OF ACTIVITY IS OBSERVED AT THE COMPLEX SUPPORT FACILITY. THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED CLOUD COVER. NO NEW MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS.

DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES IN COMPLETED LAUNCH GROUPS IS AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 SITES (1-6) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP B -- ALL 6 SITES (7, 8, AND 10-13) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIIC LAUNCH SITES IN LAUNCH GROUPS UNDER CONSTRUCTION ARE AS FOLLOWS --

LAUNCH GROUP C -- ALL 6 SITES (14, 15, AND 18-21) ARE INTERPRETABLE. LAUNCH SITE 18 IS IN A LATE STAGE OF CONSTRUCTION. THE OTHER SITES ARE IN THE MID-STAGE OF CONSTRUCTION. THE ELECTRONICS FACILITY AT SITE 14C IS SIMILAR TO THE ONE OBSERVED AT OLOVYANNAYA SITE 60J.

TOP SECRET CHESS RUFF

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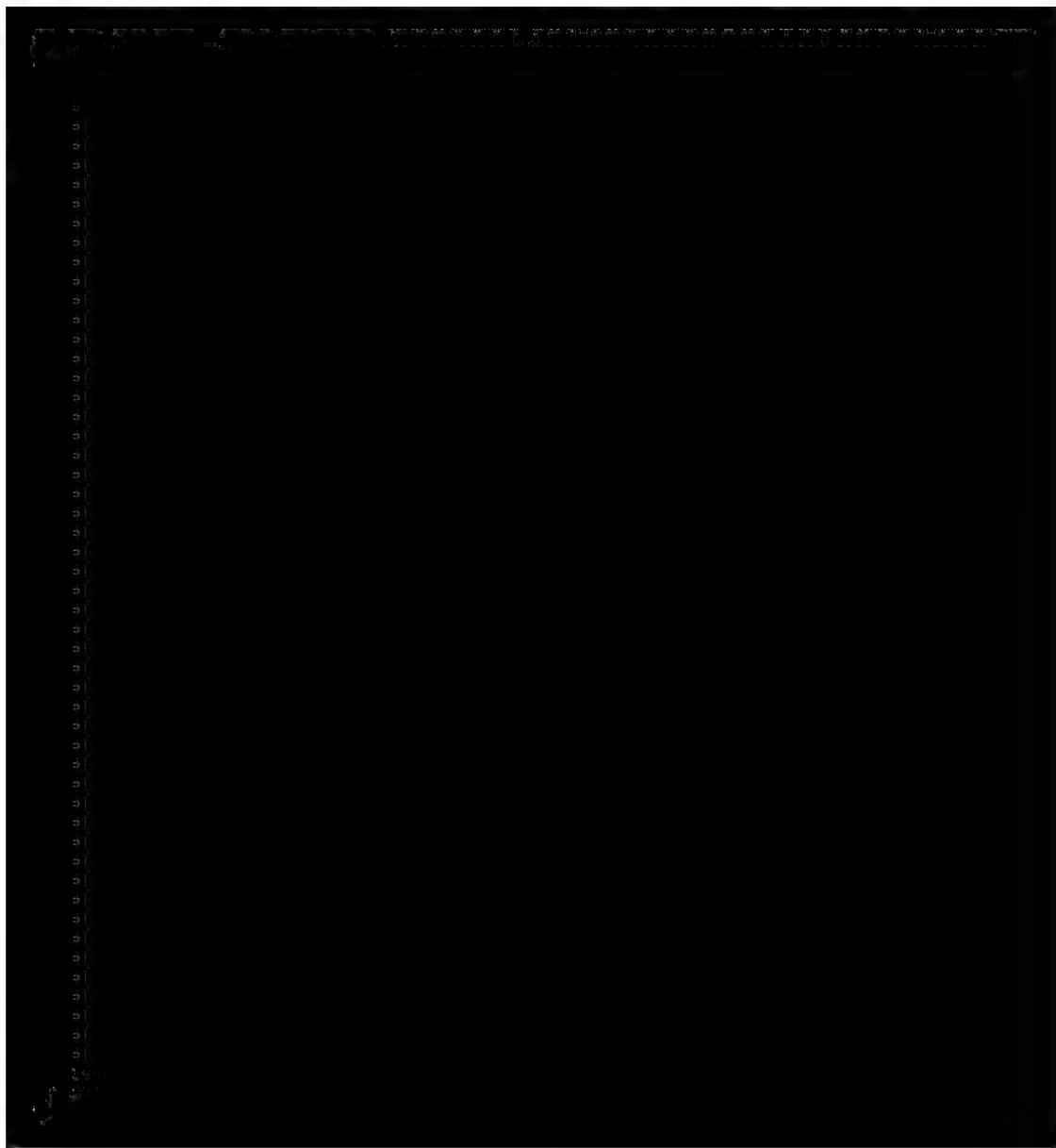
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LAUNCH GROUP D -- ALL 6 SITES (24-26 AND 28-30) ARE INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH GROUP E -- ONLY 4 SITES (31, 32, 34, AND 36) ARE PRESENTLY ASSOCIATED WITH THIS GROUP. THEY ARE ALL INTERPRETABLE AND IN EARLY STAGES OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.

TRANSFER POINT -- LAUNCH SITE 27X IS INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



25X1D

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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

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25X1D



25X1A

IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E



TWELVE OF THE TYPE IIIC LAUNCH SITES ARE INTERPRETABLE. THE REMAINING 13 SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED BUT CAN BE IDENTIFIED ONLY. NO SIGNIFICANT ACTIVITY OBSERVED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 SITES ARE COMPLETE. SITES 2, 3, AND 5 ARE INTERPRETABLE.

LAUNCH GROUP B -- ALL 6 SITES ARE COMPLETE. SITES 8, 11, AND 12 ARE INTERPRETABLE.

LAUNCH GROUP C -- SITES 13 AND 14 ARE COMPLETE. SITE 18 IS IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP D -- SITES 19 AND 23 ARE IN THE MID-STAGE OF CONSTRUCTION. SITE 24 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



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25X1D



25X1A

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E



SEVENTY-EIGHT TYPE IIID SINGLE SILO LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE PARTIALLY INTERPRETABLE. APPROXIMATELY 1.5 NM ESE OF LAUNCH SITE 98, AN UNIDENTIFIED SCAR PATTERN IS OBSERVED IN A WOODED AREA. THE CLEARINGS OR SCARS POSSIBLY HAVE AN ELECTRONIC SIGNIFICANCE. ALL OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY AND NO NEW MISSILE FACILITIES ARE OBSERVED.

DETAILED DATA FOR TYPE IIID LAUNCH SITES IN COMPLETED LAUNCH GROUPS IS AS FOLLOWS --

GROUP A -- 8 OF THE 10 LAUNCH SITES (2 AND 5-11) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP B -- 6 OF THE 10 LAUNCH SITES (12-14, 17, 29, AND 30) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP C -- ALL 10 LAUNCH SITES (20, 22, 24-28, 32, 44, AND 57) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP D -- ALL 10 LAUNCH SITES (36-42, 54, 72, AND 73) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID SITES IN LAUNCH GROUPS STILL UNDER CONSTRUCTION ARE AS FOLLOWS --

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KH-4 MISSION 1041, 10-23 MAY 1967

GROUP E -- 8 OF THE 10 SITES ARE INTERPRETABLE. SITES 77, 80, 103, AND 122 REMAIN IN THE MID-STAGE OF CONSTRUCTION. SITES 47, 76, 100, AND 120 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP F -- 5 OF THE 10 SITES ARE INTERPRETABLE. SITES 51, 61, AND 62 ARE COMPLETE. SITES 58 AND 90 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP G -- 7 OF THE 10 SITES ARE INTERPRETABLE. SITES 71, 75, 88, 92, AND 98 ARE IN A LATE STAGE OF CONSTRUCTION. SITE 137 IS IN THE MID-STAGE OF CONSTRUCTION. SITE 67 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP H -- 4 OF THE 10 SITES ARE INTERPRETABLE. SITES 96 AND 119 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 101 AND 129 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP I -- 6 OF THE 9 SITES ARE INTERPRETABLE. SITES 86, 91, AND 136 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 74, 84, AND 85 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP J -- 5 OF THE 10 SITES ARE INTERPRETABLE. SITES 109, 111, 115, AND 123 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

GROUP K -- 6 OF THE 10 SITES ARE INTERPRETABLE. SITES 124, 134, AND 139-141 ARE IN THE MID-STAGE OF CONSTRUCTION. SITE 132 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

TRANSFER SITE 35 (X) IS COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IID SITES WITH GROUP ASSOCIATION UNDETERMINED ARE AS FOLLOWS --

LAUNCH SITE 142 IS INTERPRETABLE, BUT IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. LAUNCH SITE 131 REMAINS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



25X1D

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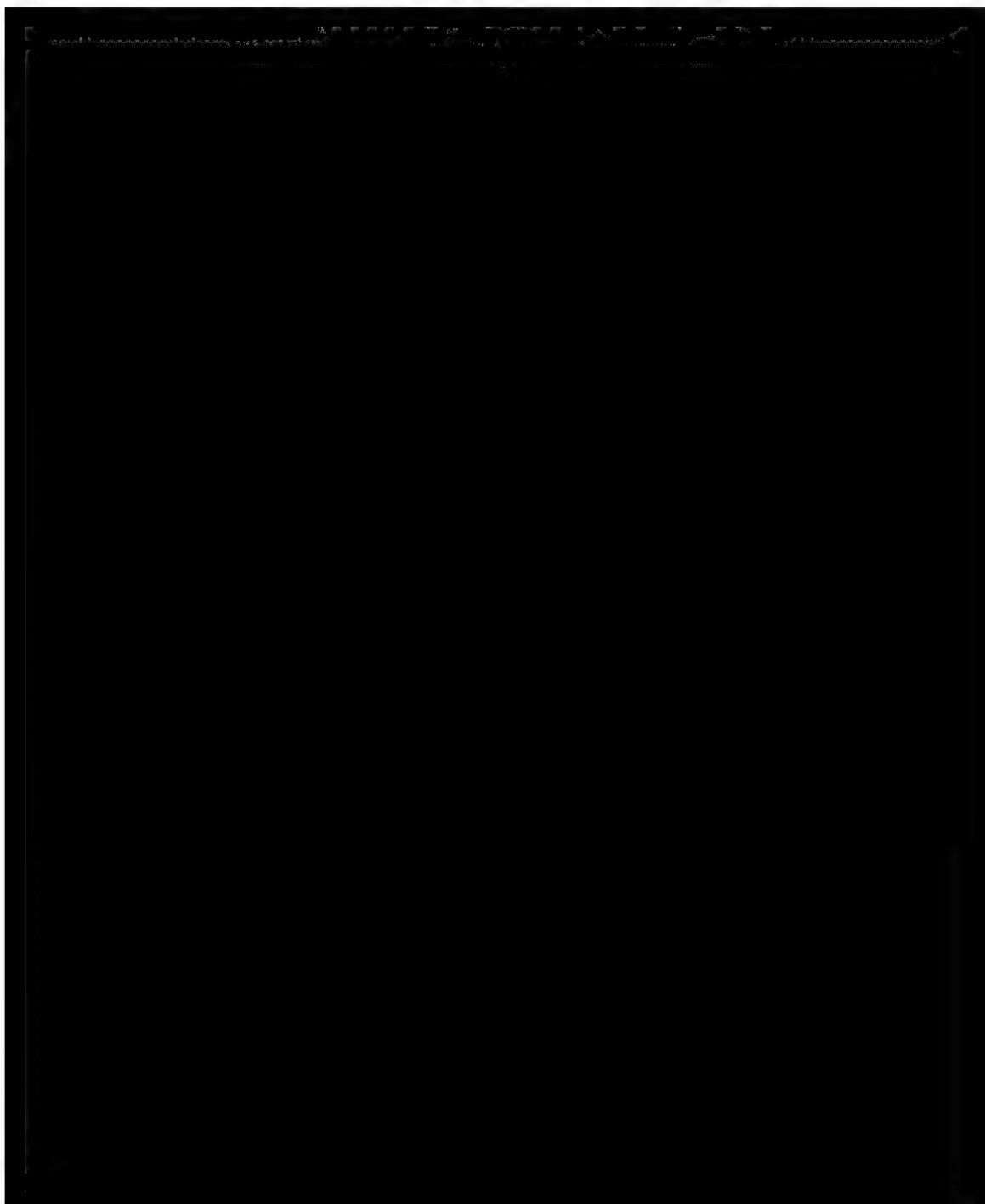
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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

AKHTYRKA MRBM LAUNCH SITE 1

UR 5016N 03449E

OBJECTS MAY BE ON 1 OR 2 OF THE LAUNCH POSITIONS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

AKHTYRKA MRBM LAUNCH SITE 2

UR 5022N 03457E

OBJECTS MAY BE ON 1 OR 2 OF THE LAUNCH PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

AKHTYRKA FIXED FIELD MRBM SITE

UR 5019N 03451E

ONE OR MORE OF THE LAUNCH POSITIONS MAY BE OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SOFIYE-ALEKSEYEVSKOYE MRBM LAUNCH SITE

UR 4415N 13122E

A POSSIBLE ERECTOR IS IN POSITION ON EACH LAUNCH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BARANO-ORENBURGSKOYE MRBM LAUNCH SITE

UR 4420N 13130E

TWO PIECES OF EQUIPMENT ARE ON THE NE LAUNCH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SOFIYE-ALEKSEYEVSKOYE FIXED FLD MRBM SITE UR 4411N 13124E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NOVOGEORGIYEVKA FIXED FIELD MRBM SITE UR 4409N 13125E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



OLEVSK MRBM LAUNCH SITE 1 UR 5108N 02759E

POSSIBLE ERECTORS ARE OBSERVED ON 2 PADS. UNIDENTIFIED EQUIPMENT IS OBSERVED ON 1 PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



OLEVSK MRBM LAUNCH SITE 2 UR 5110N 02803E

ERECTORS ARE OBSERVED ON 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE UR 5103N 02807E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

RUDNYA ZLOTINSKAYA FIXED FIELD MRBM SITE UR 5108N 02800E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BREST MRBM LAUNCH SITE 1 UR 5148N 02400E

ONLY THE LAUNCH AREA IS VISIBLE. EACH LAUNCH PAD IS OCCUPIED BY A POSSIBLE ERECTOR. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BREST MRBM LAUNCH SITE 2 UR 5151N 02401E

A POSSIBLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PISHCHA FIXED FIELD MRBM SITE UR 5135N 02346E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ZAMSHANY FIXED FIELD MRBM SITE UR 5150N 02402E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

BRODY MRBM LAUNCH SITE 1

UR 5006N 02512E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BRODY MRBM LAUNCH SITE 2

UR 5012N 02505E

UNIDENTIFIED EQUIPMENT IS OBSERVED ON ALL 4 LAUNCH PADS. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BERESTECHKO MRBM LAUNCH SITE

UR 5020N 02505E

ALL 4 LAUNCH PADS ARE OCCUPIED BY POSSIBLE ERECTORS. ADDITIONAL UNIDENTIFIED EQUIPMENT IS VISIBLE ON THE NW LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

YAZLOVCHIK FIXED FIELD MRBM SITE

UR 5005N 02501E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

STANISLAVCHIK FIXED FIELD MRBM SITE

UR 5006N 02456E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

DERAZHNYA MRBM LAUNCH SITE 1

UR 4920N 02726E

ERECTORS OCCUPY EACH PAD. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



DERAZHNYA MRBM LAUNCH SITE 2

UR 4926N 02728E

PROBABLE ERECTORS OCCUPY EACH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KHMELNITSKIY MRBM LAUNCH SITE

UR 4924N 02708E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KHMELNITSKIY FIXED FIELD MRBM SITE

UR 4925N 02706E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LETICHEV FIXED FIELD MRBM SITE 1

UR 4922N 02743E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

LETICHEV FIXED FIELD MRBM SITE 2

UR 4925N 02744E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



DISNA MRBM LAUNCH SITE

UR 5535N 02816E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZELKI MRBM LAUNCH SITE

UR 5535N 02824E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BORKOVICHI MRBM LAUNCH SITE

UR 5541N 02827E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



DERNOVICH FIXED FIELD MRBM SITE

UR 5547N 02819E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

[REDACTED]

DEMIDOVO FIXED FIELD MRBM SITE

UR 5601N 02818E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

MORACHKOVO FIXED FIELD MRBM SITE

UR 5553N 02816E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

DROGOBYCH MRBM LAUNCH SITE

UR 4925N 02334E

EACH PAD IS OCCUPIED BY A POSSIBLE ERECTOR. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

DYATLOVO MRBM LAUNCH SITE

UR 5332N 02517E

POSSIBLE ERECTORS OCCUPY EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

BEREZOVKA MRBM LAUNCH SITE

UR 5335N 02527E

A PROBABLE ERECTOR OCCUPIES EACH LAUNCH PAD. AN ERECTED MISSILE IS VISIBLE ON THE NW PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

Handle Via

TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

ZBLYANY MRBM LAUNCH SITE

UR 5335N 02517E

FOUR LAUNCH PADS AND PART OF THE SUPPORT AREA ARE VISIBLE. UNIDENTIFIED EQUIPMENT OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

RUDA YAVORSKAYA FIXED FIELD MRBM SITE 1      UR 5323N 02510E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

RUDA YAVORSKAYA FIXED FIELD MRBM SITE 2      UR 5323N 02512E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

RUDA YAVORSKAYA FIXED FIELD MRBM SITE 3      UR 5323N 02513E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BEREZOVKA FIXED FIELD MRBM SITE

UR 5342N 02530E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

Handle Via

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

BORKHOV MRBM LAUNCH SITE 1

UR 5218N 03042E

POSSIBLE ERECTORS ARE POSITIONED ON EACH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BORKHOV MRBM LAUNCH SITE 2

UR 5224N 03038E

POSSIBLE ERECTORS ARE POSITIONED ON EACH PAD. TRAILERS  
ARE OBSERVED IN THE PROPELLANT AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GOMEL FIXED FIELD MRBM SITE 1

UR 5220N 03050E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

GOMEL FIXED FIELD MRBM SITE 2

UR 5224N 03050E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

GRANOV IRBM LAUNCH SITE 1

UR 4856N 02930E

ALL 4 POSITIONS ARE OCCUPIED.

Handle Via

TALENT-KEY  
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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

KALNIK IRBM LAUNCH SITE

UR 4859N 02921E

25X9

25X9

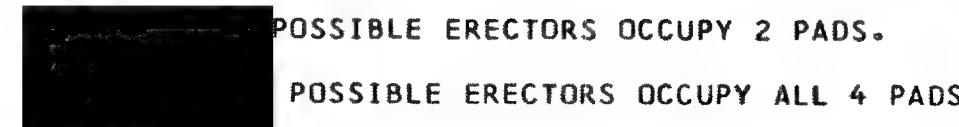
25X1D



GRESK MRBM LAUNCH SITE 1

UR 5314N 02742E

25X1D



NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GRESK MRBM LAUNCH SITE 2

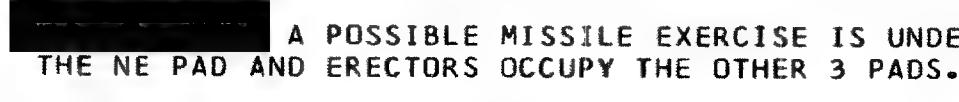
UR 5316N 02740E

25X1D



A POSSIBLE ERECTOR OCCUPIES 1 PAD AND  
UNIDENTIFIED EQUIPMENT OCCUPIES ANOTHER PAD.

25X1D



A POSSIBLE MISSILE EXERCISE IS UNDERWAY ON  
THE NE PAD AND ERECTORS OCCUPY THE OTHER 3 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



URECHYE MRBM LAUNCH SITE

UR 5311N 02758E

25X1D



POSSIBLE EQUIPMENT IS OBSERVED ON ALL 4  
PADS. PROBABLE ERECTORS OCCUPY 2 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

GUSEV MRBM LAUNCH SITE 1

UR 5441N 02204E

UNIDENTIFIED EQUIPMENT OCCUPIES EACH LAUNCH PAD. NO  
MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GUSEV MRBM LAUNCH SITE 2

UR 5444N 02203E

PROBABLE ERECTORS OCCUPY EACH PAD. NO MISSILES  
OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TOLMINGKEMSK FIXED FIELD MRBM SITE 1

UR 5422N 02220E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



GVARDEYSK MRBM LAUNCH SITE 1

UR 5440N 02107E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GVARDEYSK MRBM LAUNCH SITE 2

UR 5445N 02109E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VYSOKOYE FIXED FIELD MRBM SITE

UR 5444N 02133E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



IECAVA MRBM LAUNCH SITE 1

UR 5635N 02404

POSSIBLE ERECTORS ARE OBSERVED ON ALL LAUNCH PADS. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



IECAVA MRBM LAUNCH SITE

UR 5639N 02407E

A POSSIBLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



IECAVA MRBM LAUNCH SITE 3

UR 5633N 02420E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

JELGAVA FIXED FIELD MRBM SITE 1 UR 5638N 02352E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

JELGAVA FIXED FIELD MRBM SITE 2 UR 5644N 02354E

A POSSIBLE VEHICLE IS POSITIONED ON EACH OF THE 2 NORTHERN LAUNCH POSITIONS. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KARMELAVA MRBM LAUNCH SITE UR 5457N 02405E

A POSSIBLE MISSILE ERECTOR OCCUPIES EACH LAUNCH POSITION. POSSIBLE FUEL/OXIDIZER TRAILERS ARE IN THE FUELING POSITIONS. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

JONAVA MRBM LAUNCH SITE UR 5500N 02414E

A POSSIBLE ERECTOR OCCUPIES THE LAUNCH POSITION. FUEL/OXIDIZER TRAILERS ARE IN THE FUELING AND OXIDIZER AREAS. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KAISIADORYS FIXED FIELD MRBM SITE UR 5459N 02428E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

Handle Via  
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TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

DUNAYEVTSY MRBM LAUNCH SITE

UR 4855N 02659E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

VINKOVTSY FIXED FIELD MRBM SITE

UR 4856N 02711E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KIVERTSY MRBM LAUNCH SITE 1

UR 5053N 02530E

UNIDENTIFIED EQUIPMENT IS POSITIONED ON EACH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KIVERTSY MRBM LAUNCH SITE 2

UR 5056N 02536E

A POSSIBLE ERECTOR IS POSITIONED ON EACH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TROSTYANETS MRBM LAUNCH SITE

UR 5058N 02539E

A POSSIBLE ERECTOR IS POSITIONED ON EACH PAD. NO MISSILES OBSERVED.

Handle Via

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TOP SECRET CHESS RUFF

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

KIVERTSY FIXED FIELD MRBM SITE

UR 5050N 02523E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



PETRIKOV MRBM LAUNCH SITE

UR 5210N 02834E

ALL LAUNCH PADS ARE OCCUPIED BY ERECTORS. TRAILERS ARE  
OBSERVED IN THE PROPELLANT STORAGE AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KONKOVICHI MRBM LAUNCH SITE

UR 5215N 02837E

ERECTORS ARE OBSERVED ON ALL LAUNCH PADS. SIX TRAILERS  
ARE OBSERVED IN THE PROPELLANT STORAGE AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NOVOSELKI FIXED FIELD MRBM SITE 1

UR 5223N 02843E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



Handle Via

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

NOVOSELKI FIXED FIELD MRBM SITE 2 UR 5226N 02841E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KOROSTEN MRBM LAUNCH SITE 1 UR 5051N 02818E

AN ERECTED MISSILE IS ON THE NW PAD. MISSILE EXERCISES ARE IN PROGRESS ON 2 OTHER PADS. THE FOURTH PAD IS OCCUPIED BY AN ERECTOR. FUEL AND OXIDIZER TRAILERS ARE PRESENT IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KOROSTEN MRBM LAUNCH SITE 2 UR 5052N 02831E

EACH PAD IS OCCUPIED BY AN ERECTOR.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LITKI FIXED FIELD MRBM SITE 1 UR 5101N 02827E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

YEMILCHINO FIXED FIELD MRBM SITE 1 UR 5052N 02753E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via

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25X1A

YEMILCHINO FIXED FIELD MRBM SITE 2 UR 5052N 02753E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LITKI FIXED FIELD MRBM SITE 2 UR 5101N 02824E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KOZHANOVICHI MRBM LAUNCH SITE 1 UR 5210N 02751E

ALL PADS ARE OCCUPIED BY ERECTORS AND A MISSILE EXERCISE IS UNDERWAY ON THE SOUTHERNMOST PAD. SIX OXIDIZER TRAILERS ARE OBSERVED IN THE OXIDIZER AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

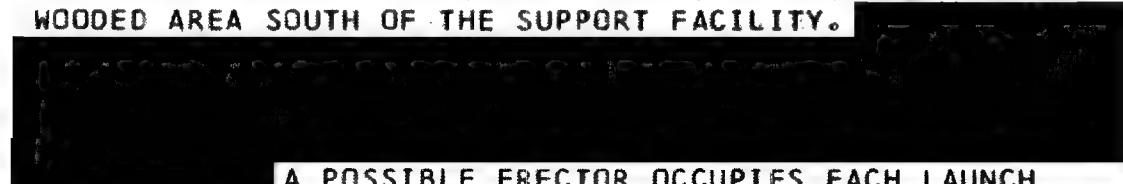
25X1D



KOZHANOVICHI MRBM LAUNCH SITE 2 UR 5211N 02748E

THREE PADS ARE OCCUPIED BY ERECTORS AND UNIDENTIFIED EQUIPMENT IS OBSERVED IN THE FUEL/OXIDIZER AREA. A LARGE RECTANGULAR CLEARING IS OBSERVED IN THE WOODED AREA SOUTH OF THE SUPPORT FACILITY.

25X1D



A POSSIBLE ERECTOR OCCUPIES EACH LAUNCH PAD AND FUEL/OXIDIZER TRAILERS ARE OBSERVED IN THE PROPELLANT AREA.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

LYUDENEVICH FIXED FIELD MRBM SITE UR 5218N 02741E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

VIESVILE MRBM LAUNCH SITE UR 5501N 02223E

A POSSIBLE MISSILE ERECTOR IS ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

RAGNIT MRBM LAUNCH SITE UR 5501N 02211E

A POSSIBLE ERECTOR IS ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KREMOVO MRBM LAUNCH SITE UR 4401N 13219E

AN UNIDENTIFIED STRUCTURE AND A NEW ROAD SERVING THE STRUCTURE ARE LOCATED ON THE EAST EDGE OF THE LAUNCH SITE. NO MISSILES OR MISSILE-RELATED EQUIPMENT IDENTIFIED.

25X1D

LYALICHI MRBM LAUNCH SITE UR 4402N 13226E

A POSSIBLE ERECTOR IS VISIBLE ON EACH PAD AND ADDITIONAL EQUIPMENT IS ON ONE PAD.

Handle Via

TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

KH-4 MISSION 1041, 10-23 MAY 1967

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

MANZOVKA FIXED FIELD MRBM SITE

UR 4412N 13234E

THREE NEW CLEARINGS ARE OBSERVED, 2 EAST OF THE ACCESS  
ROAD AND 1 WEST, GIVING THE SITE A CIRCULAR APPEARANCE.  
NO MISSILES OR MISSILE-RELATED EQUIPMENT VISIBLE.

25X1D



KROLEVETS IRBM LAUNCH SITE 1

UR 5136N 03329E

ALL 4 LAUNCH POSITIONS ARE OCCUPIED. POSSIBLE  
VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN THE LAUNCH  
AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KROLEVETS IRBM LAUNCH SITE 2

UR 5140N 03331E

ALL 4 LAUNCH POSITIONS ARE OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BEREZA IRBM LAUNCH SITE

UR 5143N 03344E

BOTH LAUNCH POSITIONS ARE OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

KURGANCHA FIXED FIELD MRBM SITE

UR 3945N 06601E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LEBEDIN IRBM LAUNCH SITE 1

UR 5032N 03425E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LEBEDIN IRBM LAUNCH SITE 2

UR 5035N 03424E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LEBEDIN IRBM LAUNCH SITE 3

UR 5037N 03427E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LIDA MRBM LAUNCH SITE 1

UR 5347N 02520E

A PROBABLE ERECTOR IS OBSERVED ON EACH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

LIDA MRBM LAUNCH SITE 2

UR 5357N 02527E

A PROBABLE ERECTOR IS OBSERVED ON EACH PAD. NO  
MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

VASILISHKI FIXED FIELD MRBM SITE

UR 5344N 02455E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

LUTSK MRBM LAUNCH SITE 1

UR 5046N 02502E

UNIDENTIFIED EQUIPMENT IS VISIBLE ON ALL 4 LAUNCH PADS.  
NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LUTSK MRBM LAUNCH SITE 2

UR 5050N 02503E

UNIDENTIFIED EQUIPMENT IS VISIBLE ON ALL 4 LAUNCH PADS.  
NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

VLADIMIR-VOLYNSKIY MRBM LAUNCH SITE

UR 5048N 02442E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GOROKHOV FIXED FIELD MRBM SITE

UR 5035N 02448E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHATSK FIXED FIELD MRBM SITE 1

UR 5327N 02748E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KURDZHIPISKAYA MRBM LAUNCH SITE

UR 4431N 04000E

PROBABLE ERECTORS OCCUPY EACH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHIRVANSKAYA MRBM LAUNCH SITE

UR 4425N 03953E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TULSKAYA FIXED FIELD MRBM SITE

UR 4431N 04014E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



Handle Via

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Control System Only

TOP SECRET CHESS RUFF

KH-4 MISSION 1041, 10-23 MAY 1967

TS-80337/67

25X1A

MAYKOP FIXED FIELD MRBM SITE

UR 4433N 03957E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOLOSKOVITSY MRBM LAUNCH SITE 1

UR 5928N 02905E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS [REDACTED]  
[REDACTED] AND 3 OF THE PADS ARE OCCUPIED BY UNIDENTIFIED EQUIPMENT [REDACTED]

25X1D

25X1D

25X1D

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOLOSKOVITSY MRBM LAUNCH SITE 2

UR 5929N 02912E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS [REDACTED]  
[REDACTED] ALL 4 PADS ARE OCCUPIED AND SEVERAL POSSIBLE VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE TECHNICAL SECTION [REDACTED]

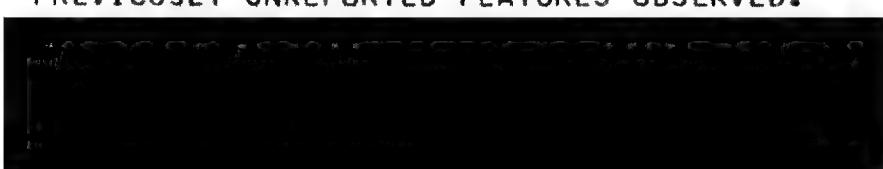
25X1D

25X1D

25X1D

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GURLEVO MRBM LAUNCH SITE

UR 5925N 02854E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

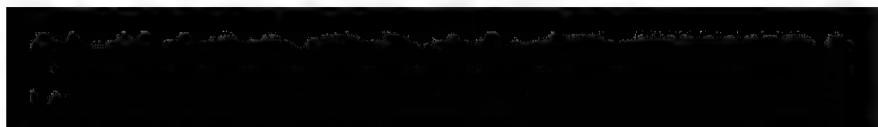
25X1A

KOTLY FIXED FIELD MRBM SITE 1

UR 5937N 02841E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KOTLY FIXED FIELD MRBM SITE 2

UR 5939N 02836E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NIGRANDE IRBM LAUNCH SITE

UR 5631N 02202E

A POSSIBLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.  
NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SKRUNDA IRBM LAUNCH SITE

UR 5635N 02149E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VAINODE IRBM LAUNCH SITE

UR 5628N 02150E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

OSTROG MRBM LAUNCH SITE 1

UR 5014N 02643E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



OSTROG MRBM LAUNCH SITE 2

UR 5017N 02641E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SLAVUTA FIXED FIELD MRBM SITE

UR 5016N 02657E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHEPETOVKA FIXED FIELD MRBM SITE

UR 5012N 02658E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PAPLAKA MRBM LAUNCH SITE 1

UR 5622N 02117E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67

25X1A

PAPLAKA MRBM LAUNCH SITE 2

UR 5625N 02116E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

IVANOVO MRBM LAUNCH SITE

UR 5210N 02541E

A POSSIBLE ERECTOR OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOTOL MRBM LAUNCH SITE

UR 5212N 02544E

A POSSIBLE ERECTOR OCCUPIES EACH LAUNCH PAD. UNIDENTIFIED EQUIPMENT IS OBSERVED ON THE SOUTHERNMOST PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LYCHKOVTSY FIXED FIELD MRBM SITE

UR 5215N 02521E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

POLOTSK MRBM LAUNCH SITE 1

UR 5522N 02844E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

POLOTSK MRBM LAUNCH SITE 2

UR 5524N 02833E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PLISSA FIXED FIELD MRBM SITE 1

UR 5512N 02802E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PLISSA FIXED FIELD MRBM SITE 2

UR 5511N 02754E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

POSTAVY MRBM LAUNCH SITE 1

UR 5509N 02653E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KOZYANY MRBM LAUNCH SITE

UR 5520N 02651E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via

TALENT-KEYHOLE  
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TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

POSTAVY MRBM LAUNCH SITE 2

UR 5506N 02700E

THE LEFT REAR SILO IS EITHER OPEN OR THE STRUCTURE HAS BEEN REMOVED FROM THE SILO COVER AND PLACED TO THE REAR OF THE COVER. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR NEW CONSTRUCTION OBSERVED.

25X1D

BOGATOYE FIXED FIELD MRBM SITE

UR 5457N 02628E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KOBYLNIK FIXED FIELD MRBM SITE

UR 5456N 02637E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PRUZHANY MRBM LAUNCH SITE 1

UR 5230N 02408E

A PROBABLE ERECTOR OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PRUZHANY MRBM LAUNCH SITE 2

UR 5233N 02406E

A PROBABLE ERECTOR OCCUPIES EACH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via

TALENT-KEY

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25X1A

~~TOP SECRET CHESS RUFF~~

STRIGOVO FIXED FIELD MRBM SITE

UR 5223N 02414E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHCHERCHEVO FIXED FIELD MRBM SITE

UR 5223N 02410E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PRUZHANY FIXED FIELD MRBM SITE

UR 5226N 02419E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SIMUNA MRBM LAUNCH SITE 1

UR 5908N 02626E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VATKE MAARJA MRBM LAUNCH SITE

UR 5911N 02620E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

TAMSALU FIXED FIELD MRBM SITE

UR 5908N 02609E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1D

KADRINA FIXED FIELD MRBM SITE

UR 5916N 02610E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1D

TAPA FIXED FIELD MRBM SITE

UR 5916N 02603E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1D

RISTI MRBM LAUNCH SITE 1

UR 5904N 02404E

PROBABLE ERECTORS ARE POSITIONED ON AT LEAST 2 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1D

RISTI MRBM LAUNCH SITE 2

UR 5907N 02406E

A POSSIBLE ERECTOR IS POSITIONED ON AT LEAST 1 PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1D

Handle Via

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25X1A

KLOOSTRI FIXED FIELD MRBM SITE 1

UR 5913N 02403E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KLOOSTRI FIXED FIELD MRBM SITE 2

UR 5916N 02401E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KRUPA MRBM LAUNCH SITE 1

UR 5247N 02442E

A PROBABLE ERECTOR OCCUPIES EACH LAUNCH PAD. A NEW ATHLETIC FIELD IS VISIBLE NW OF THE SUPPORT AREA. NO MISSILES OBSERVED.

25X9



KRUPA MRBM LAUNCH SITE 2

UR 5249N 02445E

A PROBABLE ERECTOR OCCUPIES EACH LAUNCH PAD. A NEW ATHLETIC FIELD IS OBSERVED EAST OF THE SUPPORT AREA. NO MISSILES OBSERVED.

25X1D



SHCHITNO FIXED FIELD MRBM SITE 2

UR 5241N 02457E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67

25X1A

KARA-BABAU IRBM LAUNCH SITE 1

UR 4431N 07746E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KARA-BABAU IRBM LAUNCH SITE 2

UR 4430N 07759E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KARA-BABAU IRBM LAUNCH SITE 3

UR 4431N 07741E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SALANTAI MRBM LAUNCH SITE 1

UR 5559N 02138E

A POSSIBLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.  
NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SALANTAI MRBM LAUNCH SITE 2

UR 5601N 02141E

A MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. A WHITE STRIP HAS BEEN PAINTED DOWN THE CENTER OF THE NORTHERNMOST READY BUILDING AND OF ANOTHER BUILDING IN THE WARHEAD AREA. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

ZEMAICIU KALVARIJA MRBM LAUNCH SITE UR 5601N 02154E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TELSIAI FIXED FIELD MRBM SITE UR 5556N 02207E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ALSEDZIAI FIXED FIELD MRBM SITE UR 5600N 02206E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MAZANKA MRBM LAUNCH SITE UR 4453N 03419E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BALKI MRBM LAUNCH SITE UR 4456N 03426E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via

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TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

BYTEN MRBM LAUNCH SITE 1

UR 5252N 02521E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BYTEN MRBM LAUNCH SITE 2

UR 5255N 02521E

A PROBABLE ERECTOR IS OBSERVED ON EACH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GAVINOVICHI FIXED FIELD MRBM SITE

UR 5301N 02538E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SMORGON IRBM LAUNCH SITE 1

UR 5431N 02617E

PROBABLE ERECTORS ARE OBSERVED ON 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SMORGON IRBM LAUNCH SITE 2

UR 5426N 02618E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

SOKAL MRBM LAUNCH SITE 1

UR 5022N 02418E

ONLY THE 2 NORTHERNMOST LAUNCH PADS ARE VISIBLE. THEY ARE OCCUPIED BY POSSIBLE ERECTORS. ONLY THE SOUTHERNMOST SECTION OF THE SUPPORT AREA IS VISIBLE. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SOKAL MRBM LAUNCH SITE 2

UR 5027N 02420E

ALL 4 LAUNCH PADS ARE OCCUPIED BY POSSIBLE ERECTORS. ADDITIONAL UNIDENTIFIED EQUIPMENT IS VISIBLE ON THE NORTHERNMOST PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SLAVSK MRBM LAUNCH SITE 1

UR 5459N 02136E

A MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH POSITION. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SLAVSK MRBM LAUNCH SITE 2

UR 5459N 02128E

A MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

TAURAGE MRBM LAUNCH SITE 1

UR 5510N 02220E

A POSSIBLE MISSILE EXERCISE IS UNDERWAY ON 2 OF THE 4 LAUNCH PADS. A POSSIBLE MISSILE ERECTOR IS POSITIONED ON THE OTHER 2 LAUNCH PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TAURAGE MRBM LAUNCH SITE 3

UR 5505N 02219E

A POSSIBLE MISSILE EXERCISE IS UNDERWAY ON 3 OF THE 4 LAUNCH POSITIONS. A POSSIBLE MISSILE ERECTOR IS POSITIONED ON THE OTHER LAUNCH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SKAUDVILE FIXED FIELD MRBM SITE

UR 5523N 02231E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TAURAGE FIXED FIELD MRBM SITE

UR 5509N 02215E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TAYBOLA IRBM LAUNCH SITE 1

UR 6828N 03315E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

TAYBOLA IRBM LAUNCH SITE 2

UR 6830N 03322E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TORVA MRBM LAUNCH SITE 1

UR 5756N 02604E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TORVA MRBM LAUNCH SITE 2

UR 5759N 02605E

ERECTORS ARE OBSERVED ON ALL 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VEPRIAI MRBM LAUNCH SITE

UR 5507N 02438E

A POSSIBLE VEHICLE IS PARKED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



UKMERGE MRBM LAUNCH SITE

UR 5511N 02442E

A POSSIBLE ERECTOR IS ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

Handle Via

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KH-4 MISSION 1041, 10-23 MAY 1967

TOP SECRET CHESS RUFF

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

GELVONAI FIXED FIELD MRBM SITE

UR 5507N 02443E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

BALNINKAI FIXED FIELD MRBM SITE

UR 5513N 02501E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

MANKOVKA MRBM LAUNCH SITE

UR 4857N 03024E

ALL 4 POSITIONS ARE POSSIBLY OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KISHENTSY MRBM LAUNCH SITE

UR 4900N 03013E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

OVRUCH MRBM LAUNCH SITE 1

UR 5117N 02816E

A MISSILE EXERCISE IS OBSERVED ON THE SE  
PAD. ERECTORS AND UNIDENTIFIED EQUIPMENT OCCUPY EACH  
OF THE OTHER PADS. OXIDIZER AND FUEL TRAILERS ARE

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**TOP SECRET CHESS RUFF**

OBSERVED IN THE PROPELLANT AREAS.

25X1D [REDACTED] EQUIPMENT IS OBSERVED ON EACH OF THE 4 PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D [REDACTED]

25X1A

OVRUCH MRBM LAUNCH SITE 2 UR 5118N 02810E

[REDACTED] EACH PAD IS OCCUPIED BY AN ERECTOR. OXIDIZER AND FUEL TRAILERS ARE IN THE PROPELLANT AREA.

25X1D [REDACTED] A MISSILE EXERCISE IS UNDERWAY ON THE 2 SOUTH PADS. POSSIBLE MISSILE ERECTORS ARE ON THE 2 NORTH PADS. FUEL AND OXIDIZER TRAILERS ARE IN THE PROPELLANT AREA.

25X1D [REDACTED]

LIPNIKI MRBM LAUNCH SITE UR 5112N 02826E

A POSSIBLE MISSILE EXERCISE IS UNDERWAY ON THE NW PAD. ERECTORS OCCUPY EACH OF THE OTHER PADS. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE PROPELLANT AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D [REDACTED]

LUGINY FIXED FIELD MRBM SITE UR 5107N 02822E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D [REDACTED]

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

BOLSUNY FIXED FIELD MRBM SITE

UR 5107N 02827E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VSELYUB MRBM LAUNCH SITE 1

UR 5345N 02542E

UNIDENTIFIED EQUIPMENT OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VSELYUB MRBM LAUNCH SITE 2

UR 5347N 02546E

UNIDENTIFIED EQUIPMENT OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



YELSK MRBM LAUNCH SITE 1

UR 5142N 02912E

PROBABLE ERECTORS ARE OBSERVED ON 4 PADS. ADDITIONAL EQUIPMENT IS OBSERVED ON 1 PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



YELSK MRBM LAUNCH SITE 2

UR 5147N 02918E

PROBABLE ERECTORS ARE OBSERVED ON 4 PADS. ADDITIONAL EQUIPMENT IS OBSERVED ON 1 PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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TOP SECRET CHESS RUFF

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

YELSK FIXED FIELD MRBM SITE

UR 5151N 02905E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZAGARE MRBM LAUNCH SITE 1

UR 5623N 02319E

A POSSIBLE ERECTOR IS ON EACH LAUNCH PAD AND A POSSIBLE MISSILE EXERCISE IS UNDERWAY ON EACH OF THE 3 NORTHERNMOST PADS. A WHITE STRIP HAS BEEN PAINTED ON THE ROOF OF THE SOUTHERNMOST MISSILE-READY BUILDING. OXIDIZER AND FUEL VEHICLES ARE PARKED IN THE FUELING AREAS.

25X1D



ZAGARE MRBM LAUNCH SITE 2

UR 5628N 02321E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LIELELEJA MRBM LAUNCH SITE

UR 5624N 02336E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



DOBELE FIXED FIELD MRBM SITE 2

UR 5640N 02307E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY

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TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67

UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

ZHITOMIR MRBM LAUNCH SITE 1

UR 5004N 02815E

ERECTORS OCCUPY EACH PAD. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS. NUMEROUS UNIDENTIFIED VEHICLES ARE IN THE MOTOR POOL.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZHITOMIR MRBM LAUNCH SITE 2

UR 5010N 02816E

ERECTORS OCCUPY EACH PAD. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BERDICHEV MRBM LAUNCH SITE

UR 5005N 02822E

ERECTORS OCCUPY EACH PAD. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BERDICHEV FIXED FIELD MRBM SITE

UR 4951N 02825E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

GNIVAN MRBM LAUNCH SITE

UR 4908N 02811E

ERECTORS OCCUPY EACH PAD. FUEL AND OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZHMERINKA MRBM LAUNCH SITE

UR 4910N 02804E

PROBABLE ERECTORS OCCUPY EACH PAD. OXIDIZER TRAILERS ARE OBSERVED IN THE FUEL AND OXIDIZER AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VINNITSA MRBM LAUNCH SITE

UR 4917N 02820E

25X9



THE FACILITY WAS IN AN EARLY STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



VINNITSA FIXED FIELD MRBM SITE

UR 4913N 02819E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

BAR FIXED FIELD MRBM SITE

UR 4905N 02742E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZNAMENSK MRBM LAUNCH SITE 1

UR 5432N 02110E

POSSIBLE ERECTORS OCCUPY EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZNAMENSK MRBM LAUNCH SITE 2

UR 5435N 02107E

A POSSIBLE ERECTOR OCCUPIES EACH LAUNCH PAD. NO MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

UR 4835N 04545E

THE WESTERN 40 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON 95 PERCENT CLOUD-FREE PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED.

25X1D



KAPUSTIN YAR SAM LAUNCH COMPLEX

UR 4848N 04545E

THE SA-2 AND SA-3 LAUNCH AREAS AND INSTRUMENTATION SITES 2, 3, 4, 8, AND 9 ARE NOT COVERED ON THIS MISSION. PART OF THE SA-1 LAUNCH AREA IS COVERED, BUT CAN BE IDENTIFIED ONLY. THE REMAINDER OF THE SAM LAUNCH COMPLEX IS COVERED, BUT INTERPRETABILITY IN MOST INSTANCES IS LIMITED TO IDENTIFICATION ONLY. THE 3 SAM

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TOP SECRET CHESS RUFF

TRAINING SITES A, B, AND C ARE MORE INTERPRETABLE THAN THE REST OF THE COMPLEX. THE GUIDANCE AREAS ASSOCIATED WITH EACH OF THE 3 SITES APPEAR UNOCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



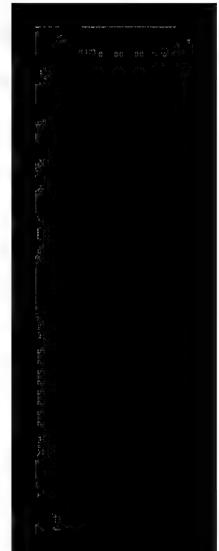
25X1A

SARY-SHAGAN ANTIMISSILE TEST CENTER

UR 4602N 07334E

FACILITIES COVERED AT THE CENTER ON 1 PASS OF GENERALLY CLEAR PHOTOGRAPHY WITH SOME LIMITING WEATHER CONDITIONS EXTEND FROM ASAT/SPACE TRACKING RADAR FACILITY IN THE EAST TO TRACKING FACILITIES 5 AND 9 IN THE WEST. NO NEW MISSILE FACILITIES OBSERVED.

25X1D



SARY-SHAGAN LAUNCH COMPLEX A (ZONE A) UR 4625N 07252E

LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 ARE COVERED ON PHOTOGRAPHY OF GENERALLY FAIR INTERPRETABILITY. NO SIGNIFICANT CHANGES ARE OBSERVED [REDACTED] IN THE HEADQUARTERS AND ADMINISTRATION AREA, ELECTRONIC SITES D AND G, THE SAM ON-SITE SUPPORT FACILITY, AND THE AIRSTRIP. VEHICULAR MOVEMENT HAS OCCURRED [REDACTED] AT THE SITE SUPPORT FACILITY AND ELECTRONIC SITE E.

25X1D

25X1D

25X1D

25X1D

25X1D

THE CENTRAL GUIDANCE AREAS OF LAUNCH SITES 1 AND 2 ARE OCCUPIED ON BOTH PASSES. AT LAUNCH SITE 1, POSITION 1/7 IS OCCUPIED AND OCCUPANCY OF THE OTHER POSITIONS IS UNDETERMINED [REDACTED] POSITIONS 1/1 THROUGH 1/5 AND 1/7 APPEAR OCCUPIED AND OCCUPANCY OF POSITION 1/6 IS UNDETERMINED. AT LAUNCH SITE 2, ALL LAUNCH POSITIONS APPEAR UNOCCUPIED [REDACTED] OCCUPANCY CANNOT BE DETERMINED [REDACTED] SOME OF THE EQUIPMENT PARKED JUST EAST OF LAUNCH SITE 1 ON [REDACTED] IS NO LONGER DISCERNIBLE. A ROW OF VEHICLES/Pieces OF EQUIPMENT IS NOW OBSERVED CLOSE TO THE NORTH SITE BOUNDARY.

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TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

THE CENTRAL GUIDANCE AREAS OF LAUNCH SITES 3 AND 4 ARE OCCUPIED ON BOTH PASSES. AT LAUNCH SITE 3, [REDACTED] THE LAUNCH POINT AT POSITION 3/3 APPEARS UNOCCUPIED. ALL OTHER LAUNCH POINTS APPEAR OCCUPIED BY LAUNCHERS ONLY. THE RIGHT DOLLY AT POSITION 3/5 ALSO APPEARS OCCUPIED, POSSIBLY BY A MISSILE. [REDACTED] ALL LAUNCH POSITIONS APPEAR OCCUPIED BY LAUNCHERS. A MISSILE MAY POSSIBLY BE ON THE LAUNCHER AT POSITION 3/5. TWO MISSILE DOLLIES ARE OBSERVED AT POSITIONS 3/5 AND 3/6, 1 AT POSITION 3/2, AND 1 PROBABLE DOLLY AT POSITION 3/4. THE RIGHT DOLLY AT POSITION 3/5 AND THE 2 DOLLIES AT POSITION 3/6 ARE POSSIBLY OCCUPIED BY MISSILES. AT LAUNCH SITE 4, [REDACTED] LAUNCH POINTS AT POSITIONS 4/1, 4/2, 4/3, 4/4, AND POSSIBLY 4/6 APPEAR OCCUPIED BY LAUNCHERS ONLY. POSITIONS 4/2 AND 4/4 ARE OCCUPIED BY OBJECTS THAT APPEAR LARGER THAN A LAUNCHER ALONE. [REDACTED] ALL LAUNCH POSITIONS EXCEPT POSITION 4/5 APPEAR OCCUPIED BY LAUNCHERS. POSITION 4/2 IS OCCUPIED BY AN OBJECT THAT APPEARS LARGER THAN A LAUNCHER ALONE, POSSIBLY A MISSILE. A POSSIBLE MISSILE TRANSPORTER NEAR THE LAUNCHER HAS APPEARED AT THE POSITION [REDACTED]. IT CANNOT BE DETERMINED WHETHER THE OBJECT AT POSITION 4/4 WHICH IS LARGER THAN A LAUNCHER ALONE IS AN OCCUPIED LAUNCHER OR A LAUNCHER WITH AN ADJACENT PIECE OF EQUIPMENT. TWO DOLLIES ARE OBSERVED AT POSITIONS 4/1 AND 4/3 AND 1 DOLLY AT POSITIONS 4/2 AND 4/4.

AT ELECTRONIC SITE B, RADAR POSITIONS B-1 AND B-2 ARE STILL OCCUPIED AND POSITION B-3 REMAINS UNOCCUPIED. ADDITIONAL VANS/PIECES OF EQUIPMENT ARE OBSERVED AT THE CONTROL CENTER [REDACTED] AND THE VAN/PIECE OF EQUIPMENT AT RADAR POSITION B-3 IS NO LONGER PRESENT. VEHICULAR MOVEMENT HAS OCCURRED JUST EAST OF THE 3 BUILDINGS AT ELECTRONIC SITE B.

ALTHOUGH FACILITIES AT LAUNCH SITES 5 AND 6 APPEAR UNCHANGED, 2 TRENCHES NEW [REDACTED]

[REDACTED] ARE UNDER EXCAVATION IN THE VICINITY OF LAUNCH SITE 6. BOTH EXTEND TOWARD THE MISSILE STORAGE AND CHECKOUT AREA. ONE APPARENTLY ORIGINATES AT THE N/S CABLE LINE AND EXTENDS APPROXIMATELY ONE-THIRD OF THE WAY TO THE CHECKOUT AREA. THE OTHER EXTENDS FROM A POINT CLOSE TO THE EAST FENCE LINE OF SITE 6 FOR APPROXIMATELY ONE-HALF OF THE DISTANCE TO THE CHECKOUT AREA. AT LAUNCH SITE 5, A SMALL DARK OBJECT/VEHICLE HAS APPEARED SINCE MISSION 1040 AT THE NORTHERN LAUNCH POSITION.

AT ELECTRONIC SITE C, RADAR POSITIONS C-1 AND C-2

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1D

APPEAR UNCHANGED. ACTIVITY IS APPARENT [REDACTED] ON THE RECENTLY CONSTRUCTED SMALL APRONS AT RADAR POSITION C-3. DURING THIS PERIOD, APPROXIMATELY 4 VEHICLES/PIECES OF EQUIPMENT HAVE APPEARED NEAR THE NW CORNER OF THE CENTRAL CONTROL BUILDING. THE EAST OUTER FENCE SEGMENT HAS BEEN REALIGNED.

25X1D

AT ELECTRONIC SITE F, THE 4 BACK NET RADARS REMAIN WHERE PREVIOUSLY OBSERVED. THE SINGLE SIDE NET RADAR APPARENTLY HAS BEEN MOVED FROM THE POSITION ON WHICH IT WAS OBSERVED [REDACTED]

25X1D

IN THE MISSILE STORAGE AND CHECKOUT AREA, THE EASTERNMOST MISSILE STORAGE/HANDLING BUILDING (160 X 60 FT) IS BEING EXTENDED ALONG ITS SOUTH SIDE. INITIAL CONSTRUCTION WAS FIRST OBSERVED [REDACTED]

25X1D

25X1D

AT PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2, EACH OF THE 6 LAUNCH POSITIONS AT LAUNCH SITE A APPEARS OCCUPIED BY A LAUNCHER AND 2 DOLLIES ON BOTH PASSES. ACTIVITY HAS OCCURRED AT LAUNCH SITE B [REDACTED]

[REDACTED] INCLUDING THE MOVEMENT OF DOLLIES. THE PRESENCE OF RAILS CANNOT BE DETERMINED. ON BOTH PASSES, ALL POSITIONS APPEAR TO BE OCCUPIED BY LAUNCHERS, EXCEPT AT POSITION B/2 WHERE OCCUPANCY CANNOT BE DETERMINED [REDACTED]

25X1D

25X1D

[REDACTED] AND WHICH APPEARS UNOCCUPIED [REDACTED] TWO DOLLIES ARE OBSERVED AT EACH POSITION BUT STATUS OF DOLLIES CANNOT BE DETERMINED [REDACTED]

NO SIGNIFICANT CHANGE IS OBSERVED AT THE ASSOCIATED TRACKING/GUIDANCE RADAR FACILITY, THE AIR WARNING RADAR FACILITY, AND THE 2 NEARBY UNIDENTIFIED SITES.

25X1D

SARY-SHAGAN LAUNCH COMPLEX B (ZONE B) UR 4559N 07231E

25X1A

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED AT LAUNCH FACILITIES A AND B. AT LAUNCH FACILITY C, THE ERECTOR MECHANISM AT LAUNCH POSITION C-3 IS PROBABLY COMPLETE.

25X1D

25X1D

[REDACTED] A GALOSH CANISTER IS ERECTED IN LAUNCH POSITION B-4. [REDACTED] UNIDENTIFIED ACTIVITY (SUSPECT VEHICLES/PIECES OF EQUIPMENT) IS OBSERVED JUST SOUTH OF LAUNCH POSITION B-4.

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TOP SECRET CHESS RUFF

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25X1D

ON BOTH PASSES, A GALOSH CANISTER IS POSITIONED IN THE ERECTOR AT LAUNCH POSITION C-1. [REDACTED] IT IS ENGAGED HORIZONTALLY WITH THE NOSE POINTING ALONG THE [REDACTED] BUT IT IS NOT RAISED [REDACTED]

25X1D

ON BOTH PASSES, A PROBABLE GALOSH CANISTER IS ENGAGED IN THE ERECTOR AT LAUNCH POSITION C-3. [REDACTED] IT IS RAISED (NOT VERTICALLY) AND POINTING GENERALLY NNW, BUT IT IS NOT RAISED [REDACTED]

25X1D

25X1D

25X1D

AT INSTRUMENTATION SITE B-1, 6 POSSIBLE ELECTRONIC VANS/PIECES OF EQUIPMENT ARE OBSERVED [REDACTED]

25X1D

25X1D

25X1A

SARY-SHAGAN LAUNCH COMPLEX C

UR 4549N 07325E

25X1D

NO SIGNIFICANT CHANGE OBSERVED IN THE LAUNCH AREA OR SUPPORT FACILITY [REDACTED]

25X1D

SARY-SHAGAN PROB LR SAM LAUNCH CPLX 1 UR 4605N 07327E

25X1D

THE 18 LAUNCH POSITIONS AT THE 3 LAUNCH SITES APPEAR TO BE OCCUPIED BY LAUNCHERS. TWO DOLLIES ARE OBSERVED AT ALL LAUNCH POSITIONS OF LAUNCH SITES B AND C. NO RAILS OR MISSILE DOLLIES ARE DISCERNIBLE AT LAUNCH SITE A. STATUS OF THE PREVIOUSLY REPORTED BUILDING CONSTRUCTION JUST INSIDE THE COMPLEX ENTRANCE CANNOT BE DETERMINED. THE 3 RADAR POSITIONS IN THE TRACKING/GUIDANCE FACILITY ARE OCCUPIED. NO SIGNIFICANT CHANGE IS APPARENT IN THE BACK NET/SIDE NET AREA OR IN THE 2 NEARBY UNIDENTIFIED SITES [REDACTED]

25X1D

NO APPARENT CHANGE IS DISCERNIBLE IN THE REVETTED FACILITY, NOW IDENTIFIED AS A PROBABLE MISSILE HANDLING FACILITY, APPROXIMATELY 10 NM WNW OF THE LAUNCH COMPLEX. THE FACILITY WILL CONTINUE TO BE REFERENCED UNDER PROBABLE LONG RANGE SAM LAUNCH COMPLEX 1, ALTHOUGH A SUPPORT RELATIONSHIP BETWEEN THE 2 FACILITIES, WHILE POSSIBLE, IS NOT BELIEVED LIKELY AT [REDACTED]

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THIS TIME.

(SEE ATTACHMENT)

25X1D



25X1A

MAKAT FIELD LAUNCH POINT MRBM

UR 4758N 05342E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

THE ENTIRE COMPLEX IS COVERED ON PHOTOGRAPHY OF GENERALLY FAIR INTERPRETABILITY. THE COMPLEX REMAINS ACTIVE. NO SIGNIFICANT CHANGES ARE OBSERVED IN THE EXISTING FACILITIES. HOWEVER, NEW CONSTRUCTION OF UNDETERMINED SIGNIFICANCE IS APPARENT AT SSM TRAINING SITE 3, APPROXIMATELY 70 NM NORTH OF THE MAIN SUPPORT BASE. FIVE TENT CAMPS WITH APPROXIMATELY 80 TENTS, A MOTOR POOL AREA WITH VEHICLES, 5 RECTANGULAR STRUCTURES, NUMEROUS PROBABLE CONSTRUCTION POINTS, AND GARDEN PLOTS ARE OBSERVED. THE NORTHERN TERMINUS OF THE NEW RAILROAD CONSTRUCTION NORTH FROM THE TEST CENTER IS APPROXIMATELY 1.5 NM SE. OF THIS NEW AREA.

DIRECTLY EAST OF THE GROUND TARGET MARKER, POSSIBLE RADAR REFLECTORS HAVE BEEN POSITIONED IN A TRIANGULAR PATTERN. A SCAR/PATH CONNECTS THE WESTERN POINT OF THE TRIANGLE WITH THE EASTERN LEG OF THE PLUS SIGN.

25X1D

AT LEAST 5-6 STRUCTURES/PIECES OF EQUIPMENT ARE VISIBLE AT INSTRUMENTATION SITE 5. THESE WERE NOT PRESENT

25X1D



25X1A

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX A CH 4115N 10017E

TWO SMALL OBJECTS ARE ON PAD A-1 AND 2 PIECES OF PROBABLE MISSILE-RELATED EQUIPMENT ARE IN THE ASSOCIATED CHECKOUT AREA.

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TCS-80337/67

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NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B CH 4115N 10018E

THE GANTRY REMAINS IN THE REAR POSITION. UNIDENTIFIED  
PIECES OF RAILROAD EQUIPMENT ARE ON BOTH SPURS SERVING  
THE COMPLEX AND NEAR THE SOUTHERNMOST PROPELLANT  
STORAGE AREA. A TALL OBJECT, POSSIBLY A CRANE, IS EAST  
OF THE SUPPORT AREA.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX C CH 4118N 10017E

AN UNIDENTIFIED OBJECT IS ON THE FORWARD PORTION OF PAD  
C-2.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX D CH 4122N 10015E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX CH 4102N 10030E

LAUNCH SITE A CONTAINS AN UNIDENTIFIED PIECE OF  
EQUIPMENT ON 3 OF THE LAUNCH PADS, SEVERAL  
VEHICLES/PIECES OF EQUIPMENT IN THE CENTRAL GUIDANCE  
AREA, AND AT LEAST 2 VEHICLES/PIECES OF EQUIPMENT IN  
THE HOLD REVETMENT.

Handle Via

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

LAUNCH SITE B CONTAINS AN UNIDENTIFIED PIECE OF EQUIPMENT ON AT LEAST 1 AND POSSIBLY 2 LAUNCH PADS, 3 VEHICLES/PIECES OF EQUIPMENT ON THE SERVICE ROAD BETWEEN THE CENTRAL GUIDANCE AREA AND SOUTHERN REVETTED LAUNCH PAD, A POSSIBLE RADAR IN FRONT OF THE BUILDING IN THE CENTRAL GUIDANCE AREA, AND AT LEAST 2 VEHICLES/PIECES OF EQUIPMENT IN THE HOLD REVETMENT. TWO ADDITIONAL BUILDINGS HAVE BEEN CONSTRUCTED ACROSS THE ROAD FROM THE SECURITY GATEHOUSE TO FORM A U-SHAPED PATTERN WITH THE BUILDING PREVIOUSLY CONSTRUCTED AND FIRST OBSERVED [REDACTED]

25X1D

LAUNCH SITE C IS STILL UNDER CONSTRUCTION. IT PRESENTLY CONSISTS OF A CENTRAL GUIDANCE AREA AND 5 UNPAVED SERVICE ROADS AS OPPOSED TO 6 AT SITES A AND B. NO LAUNCH PADS HAVE BEEN COMPLETED ALTHOUGH PRELIMINARY GROUND SCARRING INDICATES 5 LAUNCH PADS WILL BE CONSTRUCTED. NO ACTIVITY IS OBSERVED AT THE 6-POSITION TRAINING SITE 1 NM TO THE SOUTH.

AT THE INSTRUMENTATION CONTROL CENTER, 4 ELECTRONIC PROBABLE OPTICAL TRACKING VEHICLES CONTINUE TO BE POSITIONED IN FRONT OF THE RADAR A BUILDING.

NO CHANGES ARE OBSERVED AT DOWNRANGE INSTRUMENTATION SITES 2-5 AND 7. [REDACTED]

25X1D

INSTRUMENTATION SITE 6 HAS BEEN CONSIDERED TO BE LOCATED AT 41-15-14N 100-56-20E. HOWEVER, EVIDENCE INDICATES THAT THIS IS POSSIBLY A FIELD ELECTRONICS POINT. A SITE LOCATED AT 41-11-10N 101-00-36E IS MORE COMPARABLE TO INSTRUMENTATION SITE 7 AND WILL BE CARRIED AS INSTRUMENTATION SITE 6. THE SITE LOCATION CAN BE NEGATED [REDACTED] IT IS ..

25X1D

CONNECTED BY CABLE SCAR AND TRACK ACTIVITY TO INSTRUMENTATION SITE 3 AND CONSISTS OF 2 SMALL BUILDINGS AND 1 LARGE BUILDING. THE LARGE BUILDING WAS FIRST OBSERVED UNDER CONSTRUCTION [REDACTED] AND WAS NOT PRESENT [REDACTED] THIS

25X1D

CONSTRUCTION IS COMPARABLE TO THE ACTIVITY OBSERVED AT INSTRUMENTATION SITE 7 WHERE 2 SIMILAR BUILDINGS WERE CONSTRUCTED DURING THE SAME TIME PERIOD.

25X1D

IN THE HOUSING AND SUPPORT AREA, 1 GABLE-ROOFED BUILDING WITH 3 ENTRYWAYS HAS BEEN COMPLETED ON THE NORTH SIDE WITHIN THE PERIMETER FENCE. THE BUILDING WAS FIRST OBSERVED UNDER CONSTRUCTION [REDACTED]

25X1D

[REDACTED] AN OPEN TRENCH HAS BEEN DUG FROM THE PUMPHOUSE TO THE WEST SIDE OF THE MAIN ACCESS ROAD.

25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

SHUANG-CHENG-TZU SSM-SAM ASBLY & CHECK CPX CH 4106N 10016E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHUANG-CHENG-TZU MTC MAIN SUPPORT BASE CH 4058N 10011E

A FOURTH BUILDING HAS BEEN CONSTRUCTED AT THE WEST CORNER CONSTRUCTION SITE AND ANOTHER NEW BUILDING HAS BEEN CONSTRUCTED AT THE EAST CORNER. NO OTHER CHANGES OBSERVED.

25X1D



SHUANG-CHENG-TZU PROB SSM TRNG SITE 1 CH 4143N 10025E

A NEW STRUCTURE HAS BEEN ERECTED NORTH OF THE SITE. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE VISIBLE.

25X1D



SHUANG-CHENG-TZU PROB SSM TRNG SITE 2 CH 4143N 10041E

A NEW CLEARING IS VISIBLE SOUTH OF THE EXISTING CLEARINGS AND EXTENSIVE TRACK ACTIVITY IS APPARENT BETWEEN IT AND THE OLDER AREA.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



EMBA MSL TEST CENTER SUPPORT AREA A UR 4846N 05804E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

[REDACTED]

UR 4831N 05801E



EMBA MSL TEST CENTER LAUNCH AREA

UR 4831N 05801E

ALL OF THE EMBA MISSILE TEST CENTER FACILITIES ARE COVERED EXCEPT LAUNCH AREA B, SUPPORT AREA B, AND INSTRUMENTATION SITE 8 WHICH ARE UNDER HEAVY CLOUD COVER.

AT LAUNCH AREA A, PAD A-1 APPEARS TO BE OCCUPIED BY 1 VEHICLE/PIECE OF EQUIPMENT AND 2 VEHICLES/PIECES OF EQUIPMENT ARE JUST SOUTH, WITHIN THE RING ROAD. PAD A-2 IS OCCUPIED BY SEVERAL VEHICLES/PIECES OF EQUIPMENT. PAD A-3 APPEARS TO BE OCCUPIED BY A VEHICLE/PIECE OF EQUIPMENT. PAD A-4 IS PROBABLY UNOCCUPIED, PAD A-5 IS UNOCCUPIED, AND PAD A-6 IS POSSIBLY OCCUPIED. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT. AN OBJECT, PROBABLY THE BAR LOCK RADAR OBSERVED PREVIOUSLY, CONTINUES TO OCCUPY THE MOUND TO THE REAR OF LAUNCH AREA A.

25X1D

25X1A



UR 4832N 05802E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



UR 4832N 05802E



EMBA MTC INSTRUMENTATION PATTERN

UR 4833N 05802E



ALL INSTRUMENTATION SITES AT EMBA ARE DESIGNATED AS TRACKING FACILITIES. TRACKING FACILITIES 5, 6, 7, 9, AND 10 ARE COVERED. NO SIGNIFICANT CHANGES ARE OBSERVED AT 5, 6, 9, AND 10. NINE IRREGULAR, SQUARE-SHAPED FIREBREAK SCARS WHICH ARE PROBABLY FIELD ELECTRONICS ASSOCIATED ARE WITHIN 1 NM TO THE NORTH OF TRACKING FACILITY 7. ANOTHER IRREGULARLY SHAPED SCAR IS LOCATED APPROXIMATELY 2 NM TO THE NE. A RECTANGULAR FENCED AREA CONTAINING AT LEAST 6 VEHICLES/PIECES OF EQUIPMENT AND 4 OTHER UNIDENTIFIED OBJECTS IS OBSERVED BETWEEN TRACKING FACILITY 7 AND THE IRREGULARLY SHAPED

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1D

25X1A

FIREBREAKS. SMALL SCALE PHOTOGRAPHY PRECLUDES  
IDENTIFICATION OF ANTENNAS WITHIN THE AREA. THIS  
ACTIVITY CAN BE NEGATED

SARY-SHAGAN MRBM IMPACT AREA 1 UR 4617N 07200E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT  
CRATERS.

25X1D

SARY-SHAGAN MRBM IMPACT AREA 2 UR 4634N 07236E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT  
CRATERS.

25X1D

SARY-SHAGAN MRBM IMPACT AREA 3 UR 4627N 07244E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT  
CRATERS.

25X1D

SARY-SHAGAN MRBM IMPACT AREA 4 UR 4628N 07319E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT  
CRATERS.

25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SARY-SHAGAN MRBM IMPACT AREA 5

UR 4608N 07240E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



25X1D

SARY-SHAGAN MRBM IMPACT AREA 6

UR 4638N 07005E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



25X1D

SARY-SHAGAN MRBM IMPACT AREA

UR 4654N 06935E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



25X1D

ANTIPINSKOYE SAM TRAINING FACILITY

UR 5251N 11336E

NO VISIBLE PHYSICAL CHANGES OBSERVED IN THE FACILITY.

THE SOUTHERN MIRROR IMAGE LAUNCH AREA -- OF THE 12 LAUNCH POSITIONS, 8 ARE OCCUPIED, 3 ARE OF UNDETERMINED OCCUPANCY, AND 1 IS UNOCCUPIED. THE 2 CENTRAL GUIDANCE AREAS ARE BOTH OCCUPIED. ELEVEN POSSIBLE MISSILE TRANSPORTERS AND 7 VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE AREA.

THE NORTHERN MIRROR IMAGE LAUNCH AREA -- OF THE 12 LAUNCH POSITIONS, 8 ARE OCCUPIED AND 4 ARE UNOCCUPIED. THE 2 CENTRAL GUIDANCE AREAS ARE BOTH OCCUPIED BY POSSIBLE GUIDANCE RADARS AND ASSOCIATED VEHICLES. AT LEAST 6 VEHICLES ARE WITHIN THE AREA.

THE NORTHERNMOST LAUNCH AREA CONTAINS 3 VEHICLES/PIECES OF EQUIPMENT.

THE MAIN SUPPORT BASE CONTAINS AT LEAST 10 VEHICLES/PIECES OF EQUIPMENT IN THE MOTOR POOL.

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KH-4 MISSION 1041, 10-23 MAY 1967

THE LARGER OF THE 2 SUPPORT/STORAGE AREAS CONTAINS AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT. NO VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE SMALLER AREA.

25X1D



25X1A

CHIN-HSI CRUISE MISSILE LAUNCH SITE CH 4042N 12052E

ONE LAUNCH POSITION IS OCCUPIED BY 2 VEHICLES/PIECES OF EQUIPMENT. THE SECOND LAUNCH POSITION, JUST SOUTH, APPEARS TO BE UNOCCUPIED.

THE REVETTED RADAR POSITION, JUST NORTH OF ONE LAUNCH POSITION, APPEARS TO BE UNOCCUPIED. A SECOND REVETTED AREA ON THE RIDGE JUST NORTH OF THE RADAR SITE APPEARS TO BE OCCUPIED BY 3 VEHICLES/PIECES OF EQUIPMENT. NO SIGNIFICANT CHANGE OR ACTIVITY OBSERVED IN THE SUPPORT AREA.

25X1D



SARY-SHAGAN IMPACT AREA UR 4623N 07324E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN AMM IMPACT AREA 1 UR 4715N 07100E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN AMM IMPACT AREA 2 UR 4753N 06845E

SMALL SCALE AND HAZE PRECLUDE IDENTIFICATION OF MISSILE IMPACT CRATERS.

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

SARY-SHAGAN AMM IMPACT AREA 3

UR 4655N 07245E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN AMM IMPACT AREA 4

UR 4730N 07615E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN AMM IMPACT AREA 5

UR 4910N 06245E

POOR INTERPRETABILITY PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SHUANG-CHENG-TZU MTC 630 NM IMPACT AREA CH 4604N 08723E

NO SIGNIFICANT CHANGE OBSERVED. NO SUPPORT FACILITIES, ELECTRONIC/COMMUNICATION FACILITIES, OR INDICATIONS OF CURRENT ACTIVITY OBSERVED.

25X1D



NENOKSA MISSILE TEST CENTER

UR 6438N 03911E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILES OR MISSILE-ASSOCIATED EQUIPMENT.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

25X1B

KAPUSTIN YAR 650 NM IMPACT AREA

UR 4740N 0620E

POOR INTERPRETABILITY PRECLUDES IDENTIFICATION OF  
MISSILE IMPACT CRATERS.

25X1D

DNEPROPETROVSK MISSILE DEVELOP PROD CTR UR 4826N 03459E

CONSTRUCTION CONTINUES IN THE TEST AREA.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA MSL&SPA PRPLN DEV CTR KHINKI 456 UR 5554N 03726E

IN THE PLANT AREA, 1 NEW BUILDING UNDER CONSTRUCTION IS  
VISIBLE. IN THE TEST AREA, A LARGE OVERHEAD PIPE RACK  
HAS BEEN EXTENDED NW TOWARD A (LARGE) PROBABLE  
FABRICATION AND ASSEMBLY BUILDING AND CONSTRUCTION  
CONTINUES IN THE WESTERNMOST CORNER OF THE AREA.

NO OTHER NEW CONSTRUCTION, CHANGES IN FACILITIES,  
MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS ARE  
OBSERVED.

25X1D

Handle Via

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

MOSKVA GUIDED MISSILE PLANT 82

UR 5550N 03727E

THE PREVIOUSLY REPORTED BUILDING CONSTRUCTION IS CONTINUING. A SECOND WORKING BAY IS BEING ERECTED. NO MISSILES, MISSILE EQUIPMENT, OR LARGE RAIL CARS OBSERVED.

25X1D



MOSKVA MSL & SPACE DEV CTR KALININGRAD 88 UR 5555N 03748E

CONSTRUCTION ACTIVITY CONTINUES IN THE SOUTHERN AREA OF THE CENTER. ONE BUILDING APPEARS COMPLETE AND 2 ARE STILL UNDER CONSTRUCTION. GROUND SCARRING IS INDICATIVE OF FURTHER DEVELOPMENT. NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS OBSERVED.

25X1D



ZAGORSK ROCKET ENG TEST FAC Krasnozavodsk UR 5625N 03810E

ONLY THE POSSIBLE NEW TEST SITE IN THE EASTERN PORTION OF THE FACILITY IS VISIBLE. THIS SITE APPEARS TO BE BASICALLY COMPLETE. NO INDICATIONS OF TEST ACTIVITY ARE OBSERVED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KURUMOCH ROCKET ENGINE TEST FACILITY UR 5332N 04951E

SCARRING FROM TEST ACTIVITY IS VISIBLE AT TEST STANDS 1 AND 2.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

PERM ARMAMENT PLANT 172

UR 5802N 05618E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GORKIY ARMT PLT NOVOYE SORMOVO/STALIN 92 UR 5620N 04354E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



MOSKVA AIRCRAFT PLANT DOLGORUDNAYA 464 UR 5555N 03731E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KRASNOYARSK ARMS PLANT VOROSHILOV 4 UR 5600N 09259E

NO LARGE RAIL CARS OBSERVED. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED DUE TO SMALL SCALE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KRASNOYARSK EXPLOS & PROPELLANTS PLANT 580 UR 5602N 09303E

NO NEW CONSTRUCTION, LARGE RAIL CARS, OR MISSILE COMPONENTS VISIBLE DUE TO SMALL SCALE.

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Control System Only

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

KRASNOYARSK ROCKET ENGINE TEST FACILITY UR 5606N 09325E

THE NEW POSSIBLE PROPELLANT UNLOADING BUILDING SE OF THE POSSIBLE FUELS PROCESSING/FABRICATION FACILITY HAS BEEN COMPLETED. APPARENT DITCHING IS OBSERVED IN THE SE CORNER OF THE FACILITY. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR SIGNS OF TEST ACTIVITY OBSERVED DUE TO SMALL SCALE.

25X1D



KUYBYSHEV AIRFRAME PLANT STALIN 1 UR 5313N 05017E

NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



OMSK AIRCRAFT ENGINE PLANT BARANOVA 29 UR 5457N 07325E

NO LARGE RAIL CARS OBSERVED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



OMSK ROCKET ENGINE TEST FAC GORNAYA BITIYA UR 5525N 07316E

CONSTRUCTION CONTINUES. NO MISSILES OR EVIDENCE OF RECENT FIRINGS DISCERNIBLE.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

VORONEZH ROCKET ENGINE TEST FACILITY UR 5134N 03909E

DARK STAINS IN THE SUMP OF TEST STAND 1 AND AT ONE OF THE TEST CELL BUILDINGS ARE INDICATIVE OF CONTINUING TEST ACTIVITY. A FAINT MARK ON THE EMBANKMENT AT THE END OF THE DIFFUSER FOR TEST STAND 2 IS PROBABLY CAUSED BY TESTING.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZAPOROZHYE AIRCRAFT ENGINE PLANT 478 UR 4749N 03511E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KAZAN AIRCRAFT ENGINE PLANT 16 UR 5551N 04906E

NO ROCKET ENGINE TEST FACILITIES CAN BE IDENTIFIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



RYBINSK AIRCRAFT ENGINE PLANT 36 UR 5803N 03848E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

TGS-80337/67

25X1A

PEI-CHING GM DEV PROD CTR CHANG-HSIN-TIEN CH 3950N 11608E

RECENT TEST ACTIVITY IS INDICATED BY DARK EFFLUENT IN THE SUMP FOR TEST STAND NO 3 AND EFFLUENT STAINS IN THE SUMP FOR TEST STAND NO 2.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PERM ROCKET ENGINE TEST FACILITY

UR 5800N 05634E

STAINS IN THE SUMP FOR TEST STAND NO 1 INDICATE RECENT TEST ACTIVITY. TEST STAND NO 2 AND THE LARGE HIGH-BAY POSSIBLE FABRICATION BUILDING IN THE CENTER OF THE FACILITY APPEAR COMPLETE. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

KUYBYSHEV EXPMT AC ENG PLT KR GLINKA 2

UR 5321N 05013E

CONSTRUCTION CONTINUES. NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS OBSERVED.

25X1D

MOSKVA GUIDED MISSILE PLANT 67

UR 5545N 03752E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA GUIDED MISSILE R&D PLANT KHIMKI 301 UR 5553N 03725E

IN THE PLANT AREA, THE BUILDING PREVIOUSLY REPORTED TO BE UNDER CONSTRUCTION APPEARS COMPLETE. NO SIGNIFICANT

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

CHANGE IS APPARENT IN THE TEST AREA.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

KRASNOARMEYSK SOLID MOTOR DEV FACILITY UR 5609N 03810E

THE FACILITY CONSISTS OF A HORIZONTAL TEST AREA, A PROBABLE TEST AREA, A PROBABLE WEAPONS TEST AREA, A MISSILE TEST TRACK, AND SUPPORT AREAS.

ONE NEW BUILDING IS OBSERVED UNDER CONSTRUCTION IN THE HORIZONTAL TEST AREA. BLAST MARKS ARE OBSERVED IN BOTH THE HORIZONTAL TEST AREA AND THE SMALL SEPARATELY SECURED PROBABLE TEST AREA NEAR THE CENTER OF THE FACILITY. A NEW UNIDENTIFIED AREA UNDER CONSTRUCTION ON THE EXTREME NNE EDGE OF THE FACILITY CONTAINS APPROXIMATELY 3 BUILDINGS AND A GOOD ROAD NETWORK. A NEWLY IDENTIFIED SMALL POSSIBLE TEST TRACK IS OBSERVED NORTH OF THE ORIGINAL TEST TRACK.

25X1D



KUYBYSHEV AIRCRAFT ENGINE PLT FRUNZE 24 UR 5311N 05016E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



PERM AIRCRAFT ENGINE PLANT STALIN 19 UR 5759N 05615E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



Handle Via

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

BIYSK ROCKET MOTOR TEST FACILITY

UR 5229N 08507E

A POSSIBLE NEW TEST POSITION MAY BE UNDER CONSTRUCTION ADJACENT TO THE SMALLER OF THE 2 TEST CELLS. THREE OF THE 4 LARGE STORAGE-TYPE BUILDINGS ADJACENT TO THE OFFSET BUILDINGS HAVE BEEN COMPLETED. AT THE ISOLATED TEST POSITION, THE TEST BUILDING/BLOCK AND UNIDENTIFIED OBJECTS ARE VISIBLE AND A POSSIBLE BLAST MARK IS APPARENT ON THE PAD IN FRONT OF THE TEST POSITION. NO IDENTIFIABLE MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



PERM ROCKET MOTOR TEST FACILITY

UR 5758N 05549E

DISCOLORATION OF THE BLAST DEFLECTOR AT THE LARGE HORIZONTAL TEST CELL WAY INDICATES RECENT TEST ACTIVITY.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KAMENSK-SHAKTINSKIY RKT. MOTOR TEST FAC

UR 4819N 04016E

NO INDICATORS OF TEST ACTIVITY OBSERVED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA/SUPONINO AFLD INTERFEROMETER FAC

UR 5552N 03759E

THE N/S LEGS OF THE INTERFEROMETER APPARENTLY ARE BEING DOUBLED IN LENGTH. A PREPARED CIRCULAR AREA HAS BEEN ADDED TO THE TERMINUS OF THE LEGS. THE NORTHERN STRUCTURE APPEARS SLIGHTLY RAISED. A DOME-SHAPED ENVIRONMENTAL STRUCTURE HAS BEEN CONSTRUCTED ADJACENT

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TO THE EASTERN SIDE OF THE SOUTHERN LEG.

25X1D



25X1A

ZELENOGORSK POSSIBLE STATIC TEST FACILITY UR 6013N 02943E

THE LEVEL OF ACTIVITY IS UNDETERMINED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PEI-CHING AIRFRAME PLANT

CH 3948N 11625E

OB -- 14 PROBABLE COOT, 1 CAB, AND 5 LIGHT STRAIGHT-WING.

THE LEVEL OF ACTIVITY AND THE PRESENCE OF LONG RAIL CARS OR TRANSPORTERS CANNOT BE DETERMINED

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



PAO-TOU TANK PLANT 617

CH 4040N 10955E

NO EXTRA LONG RAIL CARS OR TRANSPORTERS OBSERVED. THE LEVEL OF PLANT ACTIVITY IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X6



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

FAUSTOVO ROCKET ENGINE TEST FACILITY UR 5528N 03830E

NO SIGNS OF RECENT TEST ACTIVITY OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PRIMORSK STATIC TEST FACILITY UR 6018N 02850E

NO NEW SIGNIFICANT CHANGES, CONSTRUCTION, MISSILE-RELATED EQUIPMENT, OR EVIDENCE OF RECENT TESTING OBSERVED DUE TO SMALL SCALE.

25X1D



IVANKOVO GUIDED MISSILE PLANT UR 5645N 03707E

A NEW WORKSHOP HAS BEEN CONSTRUCTED NORTH OF THE PREVIOUSLY REPORTED U-SHAPE ADMINISTRATION-TYPE BUILDING. NO OTHER CHANGES OBSERVED. NO MISSILES OR MISSILE COMPONENTS DISCERNIBLE DUE TO SMALL SCALE.

25X1D



OPAVA POSSIBLE MRBM SITE CZ 4957N 01755E

ONLY THE WESTERN 5 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO ICBM ACTIVITY OR OTHER UNREPORTED MISSILE FACILITIES ARE OBSERVED.

25X1D



FROLOVO PROBABLE INDUSTRIAL FACILITY UR 4947N 04340E

EAST-NORTHEAST FROLOVO.

FACILITY WAS FORMERLY REPORTED AS FROLOVO UNIDENTIFIED ACTIVITY. RAIL-SERVED, PROBABLY SECURED AREA CONTAINS 1 LARGE STORAGE/INDUSTRIAL-TYPE BUILDING, SEVERAL SMALL BUILDINGS, AND A PROBABLE OPEN STORAGE AREA BETWEEN FROLOVO AND THE FACILITY. THE AREA HAS AN INDUSTRIAL

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

RATHER THAN A MILITARY CONNOTATION.

25X1D

25X1A

YASASHNAYA TASHLA PROB MSL ASSOCIATED FAC UR 5352N 04826E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

NAN-YANG SUSPECT MISSILE ACTIVITY CH 3248N 11214E

NO EVIDENCE OF CONSTRUCTION OR SURVEYING RELEVANT TO SSM ACTIVITY OBSERVED. APPROXIMATELY 40 PERCENT OF THE SOUTHERN HALF OF THE SEARCH AREA IS CLOUD COVERED.

25X1D

TSANG-SHANG PROBABLE CD POSITIONS CH 3724N 11956E

NO EVIDENCE OF CRUISE-MISSILE ACTIVITY OBSERVED.

NO SIGNIFICANT CHANGE OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

PAO-TOU SAM SEARCH AREA CH 4039N 10958E

THE 50-NM SEARCH AREA IS COMPLETELY COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 50 PERCENT SCATTERED CLOUD COVER. NO NEW SAM ACTIVITY OBSERVED.

25X1D

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

HSING-LUNG-CHUANG SAM SEARCH AREA

CH 3655N 10051E

THE NORTHERN 40 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 60 PERCENT CLOUD COVER. NO SAM OR SAM-RELATED INSTALLATION/EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

TAI-YUAN SAM SEARCH AREA

CH 3759N 11232E

THE WESTERN 15 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO SAM ACTIVITY OBSERVED.

25X1D

[REDACTED]

KUYBYSHEV ABM/PROB LR SAM SEARCH AREA

UR 5313N 05014E

NO ABM OR PROBABLE LONG RANGE SAM ACTIVITY CAN BE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

MINSK ABM/PROB LR SAM SEARCH AREA

UR 5353N 02734E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH PARTIAL CLOUD COVER. NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

KAZAN ABM/PROB LR SAM SEARCH AREA

UR 5547N 04908E

THE WESTERN 80 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 5 PERCENT CLOUD COVER. NO ABM OR PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D

[REDACTED]

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25X1A

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CHELYABINSK PROB LR SAM LAUNCH COMPLEX UR 5523N 06149E

25X1D

20 NM NE OF CHELYABINSK.

THE COMPLEX IS ORIENTED ON AN AZIMUTH  
AND CONSISTS OF 3 LAUNCH SITES -- A TRACKING/GUIDANCE  
FACILITY WITH 3 RADAR POSITIONS, A MISSILE-HANDLING  
FACILITY, AND A SUPPORT AREA, ALL UNDER CONSTRUCTION.

25X1D

25X1D

REVIEW OF EARLIER PHOTOGRAPHIC COVERAGE REVEALS THAT  
THE COMPLEX WAS NOT PRESENT  
AND WAS FIRST SEEN

(SEE ATTACHMENT)

25X1D



IVANO FRANKOVSK ABM/PROB LR SAM SRCH AREA UR 4906N 02456E

APPROXIMATELY 5 PERCENT OF THE NORTHERN EDGE OF THE  
SEARCH AREA IS COVERED. NO ABM/PROBABLE LONG RANGE SAM  
ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



KOMAROV SUSPECT MISSILE SEARCH AREA UR 4716N 04115E

25X1D



ZALARI SUSPECT ICBM COMPLEX UR 5326N 10237E

25X1D

25X1D

THIS FACILITY HAS BEEN UNDER OBSERVATION  
[REDACTED] AND ITS FUNCTION REMAINS UNDETERMINED.  
ALTHOUGH SOME CONSTRUCTION HAS OCCURRED, THE RATE OF  
CONSTRUCTION IS NOT AS RAPID AS THAT AT ICBM COMPLEXES.  
NO EVIDENCE IS OBSERVED TO INDICATE THAT THIS IS A  
MISSILE-RELATED FACILITY.



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25X1A

KOMAROVSKIY SUSPECT MISSILE SEARCH UR 4723N 03819E

25X1D THE SEARCH AREA IS 95 PERCENT CLOUD FREE  
25X1D AND 10 PERCENT CLOUD FREE [REDACTED] NO SSM  
25X1D ACTIVITY OBSERVED.



KHARKOV ABM SEARCH UR 4959N 03614E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH WEATHER RANGING FROM CLEAR TO HEAVY CLOUD COVER. NO MOSKVA-TYPE ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.



DONETSK ABM SEARCH UR 4800N 03747E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.



SVERDLOVSK ABM SEARCH UR 5650N 06030E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.



ROSTOV ABM/PROB LONG RANGE SAM SEARCH UR 4714N 03942E

25X1D [REDACTED] THE WESTERN THREE QUARTERS OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY.

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25X1D

[REDACTED] THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 90 PERCENT CLOUD COVER.

25X1D

[REDACTED] THE WESTERN HALF OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER. NO ABM/PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



25X1A

NORDVIK HEN HOUSE SEARCH

UR 7402N 11132E

THE ENTIRE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. ONLY APPROXIMATELY 50 PERCENT OF THE AREA IS OBSERVED DUE TO HAZE AND BLOWING SNOW. NO HEN HOUSE CONSTRUCTION ACTIVITY IS OBSERVED.

25X1D



KRASNODVODSK ABM/PROB LONG RANGE SAM SRCH UR 4000N 05300E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1D



DNEPROPETROVSK ABM SEARCH

UR 4828N 03502E

NO MOSKVA-TYPE ABM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS.

25X1D



KIYEV ABM SEARCH

UR 5027N 03030E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GORKIY ABM SEARCH

UR 5615N 04355E

NO ABM ACTIVITY OBSERVED.

25X1D



AMDERMA HEN HOUSE SEARCH

UR 6945N 06139E

25X1D

THE EASTERN 80 PERCENT OF THE SEARCH AREA IS COVERED ON 95 PERCENT CLOUD-COVERED PHOTOGRAPHY.

25X1D

THE EASTERN HALF OF THE SEARCH AREA IS COVERED ON 75 PERCENT CLOUD-COVERED PHOTOGRAPHY.  
NO EVIDENCE OF HEN HOUSE CONSTRUCTION ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



VORKUTA HEN HOUSE SEARCH

UR 6730N 06400E

NO EVIDENCE OF HEN HOUSE CONSTRUCTION ACTIVITY OBSERVED.

25X1D



NIKOLAYEVSK HEN HOUSE SEARCH

UR 5308N 14040E

NO ACTIVITY RELATED TO HEN HOUSE CONSTRUCTION IS OBSERVED.

25X1D



PETROZAVODSK ABM/PROB LONG RANGE SAM SRCH UR 6150N 03418E

NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

IVANOVO ABM/PROB LONG RANGE SAM SEARCH UR 5700N 04059E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH WEATHER CONDITIONS RANGING FROM HEAVY CLOUDS TO CLEAR. NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



SOCHI ABM/PROB LONG RANGE SAM SEARCH UR 4335N 03945E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1D



KALININGRAD ABM/PROB LONG RANGE SAM SEARCH UR 5445N 02030E

THE EASTERN 60 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 10-20 PERCENT CLOUD COVER. NO ABM OR PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D



OLENEGORSK ABM/PROB LONG RANGE SAM SEARCH UR 6808N 03318E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 60 PERCENT CLOUD COVER. NO ABM OR PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED.

25X1D



MURMANSK ABM/PROB LONG RANGE SAM SEARCH UR 6858N 03305E

THE NORTHERN QUARTER OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER.

25X1D



THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 40 PERCENT CLOUD COVER.

NO ABM OR PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED.

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25X1D



25X1A

YAKUTSK HEN HOUSE SEARCH

UR - 6205N 12944E

THE NORTHERN 90 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 20 PERCENT CLOUD COVER. NO EVIDENCE OF HEN HOUSE CONSTRUCTION ACTIVITY OBSERVED.

25X1D



TIKSI HEN HOUSE SEARCH

UR 7138N 12851E

THE NORTHERN 95 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 50 PERCENT CLOUD COVER. NO EVIDENCE OF HEN HOUSE CONSTRUCTION ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



ODESSA PROB LONG RANGE SAM SEARCH

UR 4629N 03044E

NO LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



NOVOROSSIYSK PROB LONG RANGE SAM SEARCH UR 4443N 03747E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER.

25X1D



APPROXIMATELY 90 PERCENT OF THE SEARCH AREA IS COVERED ON CLOUD-FREE PHOTOGRAPHY.

25X1D

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D



TUAPSE PROB LONG RANGE SAM SEARCH

UR 4405N 03905E

THE EASTERN HALF OF THE SEARCH AREA IS CLOUD COVERED. NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN THE

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WESTERN HALF OF THE SEARCH AREA.

25X1D

25X1A

ZAPOROZHYE PROB LONG RANGE SAM SEARCH      UR 4750N 03508E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D

SARATOV PROB LONG RANGE SAM SEARCH      UR 5132N 04600E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D

KAMYSHIN PROB LONG RANGE SAM SEARCH      UR 4208N 04140E

THE ENTIRE SEARCH AREA IS COVERED  
ON PHOTOGRAPHY WITH HEAVY CLOUD COVER.

25X1D

THE WESTERN HALF OF THE SEARCH AREA IS  
COVERED.

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN  
CLOUD-FREE AREAS.

25X1D

POTI PROB LONG RANGE SAM SEARCH      UR 4208N 04140E

THE ENTIRE 25-NM RADIUS SEARCH AREA IS COVERED ON  
PHOTOGRAPHY WITH APPROXIMATELY 20 PERCENT CLOUD COVER.  
NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN  
CLOUD-FREE AREAS.

25X1D

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SEVERODVINSK NAVAL BASE AND SHIRYARD 402 UR 6434N 03949E



25X1D

OB [REDACTED] AT FITTING-OUT QUAY MAIN YARD -- 1 PROBABLE U-CLASS SUBMARINE, 1 UNIDENTIFIED LARGE SUBMARINE, 1 PROBABLE N-CLASS SSN IN FLOATING DOCK PARALLEL TO THE QUAY, 1 UNIDENTIFIED SUBMARINE IN THE FLOATING DOCK (PERPENDICULAR TO THE QUAY), 3 RECTANGULAR SUPPORT BARGES, 3 UNIDENTIFIED PROBABLE AUXILIARIES, AND 5 UNIDENTIFIED SMALL CRAFT.  
AT THE WEST BASIN -- 1 PROBABLE J-CLASS SSG, 1 TRANSPORTER DOCK, 20 UNIDENTIFIED SMALL VESSELS, AND 8 SMALL CRAFT ON THE QUAY.  
AT THE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY -- 1 POSSIBLE H-CLASS SSBN, 1 ZEYA-CLASS YRSN, AND 1 RECTANGULAR SUPPORT BARGE.  
AT THE NAVAL BASE PIERS -- 6 SMALL VESSELS AND 1 YAGT.  
AT THE YAGRY ISLAND REPAIR FACILITY -- 1 POSSIBLE H-CLASS SSBN, 1 POSSIBLE G-CLASS SSB, 1 UNIDENTIFIED SUBMARINE, AND 2 RECTANGULAR SUPPORT BARGES IN THE WET DOCK, AND 1 LARGE UNIDENTIFIED SUBMARINE, 2 POSSIBLE G-CLASS SSB, 2 UNIDENTIFIED MEDIUM SUBMARINES, 1 BUSSARD-CLASS AKL, 1 APL, 1 YAGT, AND 2 RECTANGULAR SUPPORT BARGES AT THE QUAYS.  
AT THE EAST QUAY -- 1 CATAMARAN-TYPE VESSEL, 2 PROBABLE AUXILIARIES, 1 LARGE FLOATING CRANE, AND 3 UNIDENTIFIED SMALL VESSELS.  
AT THE UNIDENTIFIED FACILITY JUST NORTH OF THE LAUNCH BASIN GATE -- 1 UNIDENTIFIED AUXILIARY.

25X1D

[REDACTED] THE MAIN LAUNCH BASIN IS FLOODED AND THE GATE IS CLOSED. AN UNIDENTIFIED VESSEL (NOT A SUBMARINE) IS IN THE SW CORNER OF THE BASIN. TWO PROBABLE DE MEDITERRANEAN-MOORED IN THE WEST BASIN ARE THE ONLY APPARENT OB CHANGE.

A NEW PIER IS UNDER CONSTRUCTION JUST NORTH OF THE MAIN LAUNCH BASIN GATE.

25X1D

25X1A

SEVEROMORSK NAVAL MISSILE STORAGE UR 6905N 03330E



NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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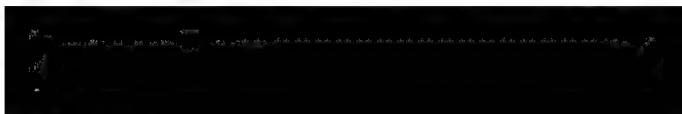
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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

SEVEROMORSK NAVAL BASE

UR 6904N 03325E

25X1D

25X1D

OB [REDACTED] 3 POSSIBLE DD.

[REDACTED] 1 SVERDLOV-CLASS CL, 6 DD, 3 PROBABLE DE, 1 PROBABLE ASR, AND 4 UNIDENTIFIED SURFACE VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SEVEROMORSK SUBMARINE BASE OKOLNAYA BAY UR 6905N 03327E

25X1D

25X1D

OB [REDACTED] 1 POSSIBLE SS AND 3 SURFACE CRAFT.

[REDACTED] 2 UNIDENTIFIED SS AND 1 PROBABLE LAMA-CLASS AEM.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X2



GUBA SAYDA NAVAL MISSILE STORAGE UR 6915N 03321E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GUBA SAYDA SUBMARINE BASE

UR 6915N 03320E

OB [REDACTED] 2 POSSIBLE SS AND 3 SURFACE CRAFT.

[REDACTED] 1 PROBABLE CL, 6 LARGE UNIDENTIFIED COMBATANTS,  
AND 2 UNIDENTIFIED VESSELS AT GUBA SAYDA SOUTHWEST.  
THE MAIN BASE IS CLOUD COVERED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GUBA SAYDA NAVAL BASE TOROS

UR 6918N 03325E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X9



GUBA OLENYA SUBMARINE BASE

UR 6913N 03323E

OB [REDACTED] 3 SS AND 3 UNIDENTIFIED SURFACE VESSELS.  
[REDACTED] 2 LARGE SS AT PIER. THE AREA IS 90 PERCENT  
CLOUD COVERED.

25X1D



POLYARNYY SUBMARINE BASE AND NAVAL BASE UR 6912N 03328E

OB [REDACTED] 11 SS, 1 PROBABLE DD, AND 19 SURFACE  
CRAFT.

[REDACTED] 14 SS (1 IN TRANSPORTER DOCK) AND 20 MEDIUM

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TOP SECRET CHESS RUFF

SURFACE COMBATANTS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

POLYARNYY NVL MISSILE SUPPORT FAC KISLAYA UR 6911N 03329E

OB -- 1 SURFACE VESSEL.

25X9



NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6911N 03325E

OB [REDACTED] 3 SS (2 IN FLOATING DOCKS) AND 5 UNIDENTIFIED SURFACE VESSELS.

[REDACTED] 2 LARGE SS IN FLOATING DOCK, 3 MEDIUM SS (1 IN FLOATING DOCK), 3 MEDIUM SURFACE COMBATANTS, 3 AUXILIARIES, AND SEVERAL SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GUBA LITSA SUBMARINE BASES NORTH & SOUTH UR 6926N 03224E

OB -- AT SOUTH BASE -- 3 UNIDENTIFIED LARGE SS, 3 PROBABLE N-CLASS SSN, 1 MEDIUM SS, 1 POSSIBLE APL, 2 UNIDENTIFIED SURFACE VESSELS, AND 2 UNIDENTIFIED VESSELS.

AT NORTH BASE -- 1 PROBABLE H-CLASS SSBN, 2 UNIDENTIFIED SS, 1 PROBABLE UGRA-CLASS AS, 1 POSSIBLE APL, 6 UNIDENTIFIED SURFACE VESSELS, 1 LARGE UNIDENTIFIED SS APPARENTLY DEAD IN THE WATER OFF OSTROV KUSHIRI, 1 PROBABLE TUG, AND 1 UNIDENTIFIED SURFACE

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KH-4 MISSION 1041, 10-23 MAY 1967

SHIP IN GUBA LITSA.

25X9

ONE LARGE BUILDING IS UNDER CONSTRUCTION ALONG THE  
UPPER ROAD NEAR THE OFFSHORE WHARF [REDACTED]

25X1D

25X1A

GUBA LITSA NAVAL MISSILE STORAGE

UR 6923N 03226E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

GUBA ANDREEVA NUCLEAR SUB SUPPORT FACILITY UR 6926N 03221E

OB -- 4 UNIDENTIFIED PROBABLE SURFACE VESSELS AT PIERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GUBA MOTKA NAVAL BASE

UR 6942N 03207E

NO EVIDENCE OF SUBMARINE FACILITIES OBSERVED. SEVERAL  
PROBABLE FISHING VESSELS ARE OBSERVED IN MOTOVSKIY  
ZALIV.

25X1D

ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT UR 6901N 03304E

OB -- AT MYS PINAGORIY -- 1 LENIN-CLASS AGBN AND 1  
LEPSE-CLASS AG.

AT SHIPYARD -- 4 POSSIBLE SS, 1 POSSIBLE DDG, 3  
PROBABLE DD, 1 DE, 6 UNIDENTIFIED COMBATANTS IN GRAVING  
DOCK, SEVERAL MERCHANT/AUXILIARY VESSELS AT QUAYS AND  
PIERS, AND 1 CL MOORED IN KOLA INLET OPPOSITE THE  
SHIPYARD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

VLADIVOSTOK NAVAL BASE BUKHTA NOVIK UR 4301N 13151E

OB -- 2 AUXILIARIES AND 6 UNIDENTIFIED SMALL VESSELS IN CLOUD-FREE PORTIONS.

FACILITIES ARE CLOUD COVERED.

25X1D



GUBA URA SUBMARINE BASE UR 6919N 03250E

OB -- 11 UNIDENTIFIED SS (1 IN TRANSPORTER DOCK), 1 POSSIBLE WILHELM BAUER-CLASS ASL, 1 POSSIBLE DON-CLASS AS, 3 UNIDENTIFIED SURFACE VESSELS AT PIER, AND 1 UNIDENTIFIED SMALL SURFACE COMBATANT UNDER TOW IN BAY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GUBA URA NAVAL BASE UR 6922N 03247E

OB -- 2 LARGE UNIDENTIFIED SURFACE COMBATANTS AND POSSIBLY 3 UNIDENTIFIED SMALL SURFACE VESSELS AT PIERS.

25X9 NO MISSILE [REDACTED] OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PETROVKA SHIPYARD UR 4307N 13220E

OB -- 2 POSSIBLE SS AND 10 UNIDENTIFIED VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1D

25X1A

ZALIV STRELOK SUBMARINE BASE PAVLOVSKOGO UR 4252N 13232E

OB -- 3 SS AND 1 AUXILIARY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ZALIV STRELOK NAVAL MSL STOR PAVLOVSKOGO UR 4254N 13234E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

DUNAY NAVAL MISSILE STORAGE UR 4256N 13220E

THE CONSTRUCTION STATUS OF NEW BUNKERS

[REDACTED] IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

DUNAY SUBMARINE BASE BUKHTA RAZBOYNIK UR 4253N 13221E

OB -- 2 LARGE SS, 4 AUXILIARIES, 18 UNIDENTIFIED SMALL VESSELS, 4 TARGET BARGES, AND 1 FLOATING DOCK.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

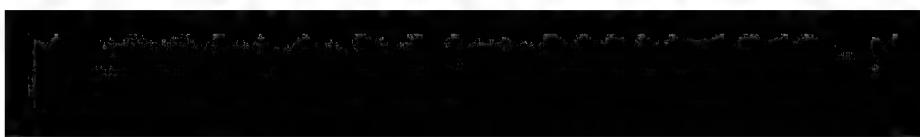
SEVASTOPOL NVL B & SHPYD SEVMORZAVOD 497 UR 4436N 03332E

ONLY A SMALL PORTION OF BUKHTA SEVERNAYA IS OBSERVED  
THROUGH THE CLOUDS.

OB -- A POSSIBLE HELICOPTER CARRIER MOORED IN BUKHTA  
SEVERNAYA OPPOSITE THE MOUTH OF BUKHTA YUZNAYA. ONLY  
1 OF THE 2 HELICOPTER CARRIERS CONSTRUCTED AT NIKOLAYEV  
SHIYARD 444 IS OBSERVED AT THAT YARD ON THIS MISSION

[REDACTED]

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH UR 4440N 03336E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



ODESSA NAVAL BASE & SHIYARD MARTI UR 4629N 03044E

OB -- 4 PROBABLE SS, 2 POSSIBLE LSM, 6 SMALL  
COMBATANTS, AND 20 UNIDENTIFIED VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



KRONSHTADT NAVAL BASE AND SHIYARD UR 5959N 02946E

OB -- 9 SS, 3 DD, 1 DE, AND 18 SMALL COMBATANTS IN THE  
SUBMARINE BASIN, 2 SS, 2 CL, 4 DD, 9 SMALL COMBATANTS,  
AND 1 POSSIBLE DD IN DRYDOCK, AND 3 AUXILIARIES, 15  
UNIDENTIFIED SMALL VESSELS, AND 1 TRANSPORTER DOCK IN  
THE CENTRAL HARBOR.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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25X1D

25X1A

BALAKLAVA SUBMARINE BASE

UR 4430N 03336E

OB -- 4 POSSIBLE SS, 2 LARGE UNIDENTIFIED SURFACE CRAFT, AND NUMEROUS UNIDENTIFIED SMALL CRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TALLINNA NAVAL BASE & SHPYD MORSKOY ZAVOD UR 5927N 02443E

OB -- 13 DD, 13 DE, 15 SMALL COMBATANTS, AND 2 AUXILIARIES AT THE NAVAL BASE AND SHIPYARD AND 12 UNIDENTIFIED VESSELS AT BUKHTA KOPLI NAVAL BASE AND SHIPYARD BECKER.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

FEODOSIYA NAVAL BASE AND SHIP RPR YARD UR 4501N 03524E

OB -- NUMEROUS UNIDENTIFIED VESSELS IN HARBOR, 1 PROBABLE CL/CLG APPROXIMATELY 1 NM FROM THE HARBOR IN FEODOSIYSKIY ZALIV, AND 1 LARGE UNIDENTIFIED SURFACE COMBATANT DEAD IN THE WATER APPROXIMATELY 14 NM FROM THE HARBOR.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PALDISKI NAVAL BASE

UR 5920N 02404E

OB -- 2 UNIDENTIFIED VESSELS AT SUBMARINE BASE AND AT LEAST 12 SMALL CRAFT AT MTB BASE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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KH-4 MISSION 1041, 10-23 MAY 1967

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

HSIAO-PING-TAO NAVAL BASE

CH 3848N 12129E

OB -- 1 G-CLASS SSB DEAD IN THE WATER APPROXIMATELY .2 NM SW OF THE G-CLASS SSB NORMAL BERTH, 1 UNIDENTIFIED VESSEL IN THE WATER APPROXIMATELY 1 NM SW OF THE G-CLASS SSB, 1 LST AT THE WHARF NORMALLY USED BY THE G-CLASS SSB, AND SEVERAL SMALL CRAFT.

NO ELECTRONIC OR COMMUNICATION FACILITIES ARE OBSERVED. IMPROVEMENT OF THE SHORELINE CONTINUES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA ABM SEARCH AREA

UR 5545N 03737E

25X9

NO NEW SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS. ELECTRONIC [REDACTED] FACILITIES POSSIBLY RELATED TO ADDITIONAL ABM DEPLOYMENT IDENTIFIED IN CLOUD-FREE AREAS.

25X1D



MOSKVA ABM LAUNCH COMPLEX E05

UR 5614N 03835E

NO CHANGE IS OBSERVED IN THE PRINCIPAL BUILDINGS AT TRIAD 1. NO SIGNIFICANT CHANGE IS OBSERVED AT THE LAUNCH POSITIONS. THE RADOME AT BUILDING A IN TRIAD 2 IS STILL INCOMPLETE, BUT IT CANNOT BE DETERMINED IF THE SOLID PARABOLIC DISH HAS BEEN INSTALLED. THE EXTENT OF PROGRESS ON THE LAUNCH POSITIONS CANNOT BE DETERMINED. NO MISSILES CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D



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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

25X1A

MOSKVA ABM LAUNCH COMPLEX E33

UR 5620N 03648E

NO SIGNIFICANT CHANGES OBSERVED IN CLOUD-FREE AREAS.

25X1D

MOSKVA ABM LAUNCH COMPLEX E24

UR 5521N 03629E

AT TRIAD 1, NO CHANGE IS OBSERVED ON THE COMPLETED EXTERIORS OF THE BUILDINGS. CONSTRUCTION CONTINUES ON ALL 8 LAUNCH POSITIONS. AT TRIAD 2, CONSTRUCTION ON THE RADOMES HAS NOT BEGUN, NOR IS THERE ANY INDICATION OF LAUNCH POSITION CONSTRUCTION. IN THE SUPPORT AREA, CONSTRUCTION CONTINUES ON THE MULTISTORY APARTMENT-TYPE BUILDINGS. NO MISSILES CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D

MOSKVA ABM LAUNCH COMPLEX E15

UR 5509N 03822E

NO RESUMPTION OF ACTIVITY IS DISCERNIBLE AT THE COMPLEX. NO MISSILES CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D

MOSKVA SAM SITE C30-1

UR 5556N 03655E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

MOSKVA ABM LAUNCH COMPLEX E31

UR 5607N 03629E

NO SUBSTANTIAL PROGRESS IS DISCERNIBLE AT THE COMPLEX [REDACTED] IT DOES NOT APPEAR THAT ERECTION OF THE RADOMES HAS BEGUN. A NEW RECTANGULAR FLAT-ROOFED BUILDING, PROBABLY BEGUN [REDACTED] IS PARTIALLY COMPLETED IN THE ON-SITE SUPPORT AREA NEAR THE ENTRANCE TO THE COMPLEX. THE FENCE LINE ON THE SE SIDE OF THE LAUNCH AREA HAS BEEN RELOCATED TO ENCLOSE A LARGER AREA WITHIN THE DOUBLE-SECURED AREA OF THE COMPLEX. HEAVY CLOUDS OBSCURE THE PORTION OF THE SUPPORT AREA CONTAINING THE MULTISTORY APARTMENT-TYPE BUILDINGS. NO CHANGE IS DISCERNIBLE IN THE CLOUD-FREE PORTIONS OF THE SUPPORT AREA. NO MISSILES CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D

25X1D

25X1D



MOSKVA SAM SITE C28-1

UR 5549N 03652E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA ABM LAUNCH COMPLEX E03

UR 5622N 03811E

NO SIGNIFICANT CONSTRUCTION PROGRESS IS APPARENT AT THE COMPLEX SINCE IT WAS LAST OBSERVED [REDACTED] THERE IS NO ACTIVITY DISCERNIBLE AT TRIAD 2 TO INDICATE THAT CONSTRUCTION HAS COMMENCED. NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D



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25X1A

MOSKVA ABM LAUNCH COMPLEX E21

UR 5504N 03701E

TRIAD 1 -- THE SUPERSTRUCTURES OF BUILDINGS A AND C APPEAR TO BE IN THE MID-STAGE OF CONSTRUCTION. ERECTION OF THE SUPERSTRUCTURE FOR BUILDING B MAY HAVE BEGUN.

TRIAD 2 -- SOME ACTIVITY IS EVIDENT IN THE CLEARINGS FOR BUILDINGS A AND C, BUT ERECTION OF THE SUPERSTRUCTURES DOES NOT APPEAR TO BE UNDERWAY.

IN THE SUPPORT AREA, 4 MULTISTORY APARTMENT-TYPE BUILDINGS APPEAR TO BE COMPLETE AND CONSTRUCTION OF ANOTHER HAS BEGUN.

NO MISSILES CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D



LENINGRAD PROB LR SAM LCH CPLX SEARCH UR 5955N 03020E

NO NEW OR PREVIOUSLY UNREPORTED AAM/SAM LAUNCH OR ELECTRONIC FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF THE SEARCH AREA.

25X1D



LENINGRAD NE PROB LONG RANGE SAM LCH CPLX UR 6004N 03043E

NO SIGNIFICANT CHANGE IS DISCERNIBLE [REDACTED] IN THE VISIBLE PORTIONS OF THE LAUNCH AREA.

25X1D  
25X1D

THREE GENERALLY CIRCULAR EXCAVATIONS, NOT PRESENT [REDACTED] ARE ALONG THE WESTERN EDGE OF THE ROAD LEADING FROM THE SUPPORT FACILITY TO THE LAUNCH AREA. ONE IS WITHIN THE LOOP ROAD SERVING THE DRIVE-THROUGH BUILDING. AT LEAST 4 OF THE 5 RADAR POSITIONS ARE OCCUPIED AT THE TRACKING/GUIDANCE FACILITY. NO MISSILES ARE IDENTIFIABLE AT THE COMPLEX.

25X1D



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25X1A

LENINGRAD SW PROB LONG RANGE SAM LCH CPLX UR 5943N 02918E

MODIFICATION OR RENOVATION OF MISSILE-READY BUILDINGS IS UNDERWAY AT LAUNCH POSITIONS A-1, A-4, AND A-6 AND AT EACH LAUNCH POSITION OF SITES B AND C. SMALL SCALE PHOTOGRAPHY PRECLUDES DETERMINING THE NATURE OF THIS ACTIVITY WHICH IS APPARENTLY CONCENTRATED ON THE ROOFS OF THE BUILDINGS. SIMILAR ACTIVITY OBSERVED [REDACTED]

[REDACTED] AT MISSILE-READY BUILDINGS OF LAUNCH POSITIONS B-1, E-1, E-2, E-3, E-4, AND E-5 WAS REPORTED AS CAMOUFLAGING.

A NEW BUILDING IS UNDER CONSTRUCTION NEAR THE ENTRANCE TO THE COMPLEX, JUST WEST OF THE BARRACKS AREA. AN EXTENSION IS UNDER CONSTRUCTION TO THE BUILDING SITUATED ALONG THE LAUNCH AREA MAIN ROAD SW OF LAUNCH SITE C. ADDITIONAL TREE CLEARANCE [REDACTED]

[REDACTED] IS OBSERVED BETWEEN THE TRACKING/GUIDANCE FACILITY AND THE LAUNCH AREA.

NO MISSILES ARE IDENTIFIABLE AT THE COMPLEX.

25X1D

25X1D

25X1D

25X1D

25X1D

BRATSK SUSPECT ABM AREA

UR 5654N 10030E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1D

25X1D

TALLINN PROB LONG RANGE SAM LCH CPLX

UR 5924N 02419E

NO SIGNIFICANT CHANGE OBSERVED [REDACTED]

[REDACTED] AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS ON THE APRON SERVING THE 2 REVETTED MISSILE/MISSILE COMPONENT STORAGE BUILDINGS AT THE SW CORNER OF THE MISSILE HANDLING FACILITY. SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILES AT THE COMPLEX.

NO SIGNIFICANT CHANGE OBSERVED AT THE AIR WARNING RADAR FACILITY OR AT 2 ASSOCIATED UNIDENTIFIED AREAS 3.5 NM SE OF THE LAUNCH COMPLEX.

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25X1D

25X1A

CHEREPOVETS PROB LONG RANGE SAM LCH CPLX UR 5906N 03810E

TREE REMOVAL HAS OCCURED WITHIN LAUNCH SITE B  
[REDACTED]  
A DITCH OBSERVED UNDER

EXCAVATION [REDACTED]

[REDACTED] EXTENDING FROM THE VICINITY OF LAUNCH SITES B AND C, BY-PASSING THE TRACKING/GUIDANCE FACILITY, AND TERMINATING NEAR A POWER LINE APPROXIMATELY 7,200 FT SOUTH OF THE LAUNCH AREA, NOW APPEARS COMPLETE. A POSSIBLE TRANSFORMER SUBSTATION IS LOCATED AT THE SOUTHERN TERMINUS OF THIS DITCH.

NO MISSILES ARE IDENTIFIABLE AT THE COMPLEX.

THE AIR WARNING RADAR FACILITY 4 NM WNW OF THE LAUNCH COMPLEX IS OCCUPIED.

25X1D

LIEPAJA PROB LONG RANGE SAM LCH CPLX UR 5633N 02110E

NO SIGNIFICANT CHANGE OBSERVED AT THE COMPLEX [REDACTED]  
[REDACTED] EXCEPT THAT RADAR OCCUPIES EACH OF THE 5 RADAR POSITIONS OF THE TRACKING/GUIDANCE FACILITY. A PORTION OF THE MISSILE-HANDLING FACILITY IS CLOUD COVERED.

NO SIGNIFICANT CHANGE OBSERVED AT THE AIR WARNING RADAR FACILITY 2 NM NE OF THE LAUNCH COMPLEX OR AT THE 2 UNIDENTIFIED AREAS ASSOCIATED WITH THE FACILITY.

25X1D

NIZHNYAYA TURA PROB LR SAM LAUNCH CPLX UR 5847N 05953E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

KIMRY PROB LONG RANGE SAM LCH CPLX UR 5646N 03720E

CLOUDS COVER SITE A, PART OF THE TRACKING/GUIDANCE FACILITY, AND THE AIR WARNING SITE. NO CHANGES ARE OBSERVED IN CLOUD-FREE AREAS OF THE COMPLEX

25X1D

25X1D

MURASHI PROB LONG RANGE SAM LCH CPLX UR 5927N 04849E

SINCE PREVIOUS CLEAR COVERAGE [REDACTED] 1 BUILDING CORRESPONDING TO ONE OF THE 2 MISSILE/MISSILE COMPONENT STORAGE BUILDINGS AT TALLINN AND 2 BUILDINGS CORRESPONDING TO THE CHECKOUT/ASSEMBLY BUILDINGS ALSO SEEN AT TALLINN ARE NEWLY IDENTIFIED WITHIN THE MISSILE HANDLING FACILITY. NEW, UNIDENTIFIED ACTIVITY IS OBSERVED EAST AND ADJACENT TO THE ABOVE FACILITY. ONE NEW BUILDING IS OBSERVED WITHIN THE SUPPORT AREA. TWO OF THE 3 RADAR POSITIONS NOW APPEAR TO BE OCCUPIED. NO MISSILES OBSERVED.

25X1D

25X1D

KALININ PROB LONG RANGE SAM LCH CPLX UR 5637N 03552E

[REDACTED] 3 BUILDINGS HAVE BEEN CONSTRUCTED IN THE SUPPORT AREA, BRINGING TO 10 THE TOTAL OF BUILDINGS IN THIS AREA. TREES HAVE BEEN REMOVED AND 3 ADDITIONAL BUILDINGS HAVE BEEN CONSTRUCTED IN THE MISSILE-HANDLING FACILITY. ALL POSITIONS IN THE LAUNCH AREA ARE REVETTED AND CONSTRUCTION IN THIS AREA APPEARS TO BE VIRTUALLY COMPLETE. ALL LAUNCH POSITIONS AT SITES A AND C ARE OCCUPIED BY LAUNCHERS AND DOLLIES. CABLE SCARS CAN BE IDENTIFIED AT SITE A EXTENDING FROM THE CENTRAL CONTROL REVETMENT TO LAUNCH POSITIONS 1, 2, 3, 4, AND 6. AT SITE C, CABLE SCARS EXTEND FROM THE CENTRAL CONTROL REVETMENT TO ALL 6 LAUNCH POSITIONS. APPROXIMATELY 20 UNIDENTIFIED OBJECTS ARE BETWEEN SITES A AND B NEAR THE LAUNCH AREA MAIN ROAD. TWO OF THE 3 POSITIONS IN THE TRACKING/GUIDANCE FACILITY ARE OCCUPIED BY RADAR. NO MISSILES ARE DISCERNIBLE.

25X1D

25X1D

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25X1A

BABAYEVO PROB LONG RANGE SAM LCH CPLX UR 5933N 03520E

NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE OBSERVED AT THE COMPLEX. CONSTRUCTION CONTINUES ON THE 3 LAUNCH SITES WITH PROGRESS APPARENT ON THE LAUNCH POSITIONS [REDACTED] AND TREE CLEARANCE APPARENT [REDACTED] WITHIN THE SITES [REDACTED]. THE LAUNCH SITES AND THE TRACKING/GUIDANCE FACILITY ARE IN THE MID-STAGE OF CONSTRUCTION.

[REDACTED] ADDITIONAL BUILDINGS ARE IN AN EARLY STAGE OF CONSTRUCTION AND NEW GRADED AREAS AND TREE CLEARANCE ARE OBSERVED IN THE SUPPORT AREA. A BUILDING IS NEWLY OBSERVED UNDER CONSTRUCTION NORTH OF THE LAUNCH AREA MAIN ROAD BETWEEN SITES B AND C.

AN AREA CONSISTING OF A RECTANGULAR BUILDING AND GROUND SCARRING APPROXIMATELY 3 NM SE OF THE LAUNCH COMPLEX MAY BE AN AIR WARNING RADAR FACILITY IN AN EARLY STAGE OF CONSTRUCTION.

25X1D

FEODOSIYA PROB LONG RANGE SAM LCH CPLX UR 4509N 03543E

NO APPARENT CHANGE IS OBSERVED [REDACTED]  
[REDACTED] NO CHANGE IS DISCERNIBLE AT THE HEAVILY CLOUD-COVERED AIR WARNING RADAR FACILITY. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N 04109E

THE COMPLEX REMAINS IN THE MID-STAGE OF CONSTRUCTION.

25X1D

THE MOST SIGNIFICANT ITEM OBSERVED IS A SECURED, POSSIBLE AIR WARNING RADAR FACILITY APPROXIMATELY .5 NM SOUTH OF THE COMPLEX.

AT THE COMPLEX, LAUNCH SITES A AND C APPEAR TO BE IN A SLIGHTLY MORE ADVANCED STAGE OF CONSTRUCTION THAN SITE B SINCE RAILS/RAIL BEDS ARE DISCERNIBLE AT LAUNCH POSITIONS A2 THROUGH A6 AND AT ALL LAUNCH POSITIONS AT

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~~TOP SECRET CHESS RUFF~~

SITE C. LAUNCH POINTS ARE OBSERVED AT SITE B AND RAIL BED CONSTRUCTION IS APPARENT AT ALL LAUNCH POSITIONS EXCEPT B5 WHERE NO RAIL BED CONSTRUCTION HAS BEGUN. AT EACH LAUNCH SITE, EACH LAUNCH POINT APPEARS TO BE CONNECTED BY CABLE TO THE CONTROL CENTER.

NO APPARENT CHANGE IS OBSERVED AT EITHER THE TRACKING/GUIDANCE FACILITY OR THE SUPPORT AREA.

AT THE MISSILE-HANDLING FACILITY, ONE 120- X 80-FT BUILDING APPEARS EXTERNALLY COMPLETE AND THE OTHER 120- X 80-FT BUILDING IS NEARING COMPLETION. A SMALLER BUILDING IS UNDER CONSTRUCTION ALONG THE MISSILE-HANDLING SERVICE ROAD.

A LARGE POSSIBLE BUILDING IS UNDER CONSTRUCTION BEHIND SITE B.

TWO UNIDENTIFIED STRUCTURES ARE LOCATED NEAR THE TRACKING/GUIDANCE FACILITY AND ARE CONNECTED BY A TRACE CUT THROUGH THE WOODS. ONE STRUCTURE IS WITHIN THE COMPLEX SECURED AREA AND THE OTHER IS OUTSIDE THE FENCED AREA.

25X1D

25X1A

MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX UR 5538N 03548E

25X1D

THE FOLLOWING CHANGES ARE OBSERVED [REDACTED]  
[REDACTED] ANOTHER BUILDING HAS BEEN CONSTRUCTED APPROXIMATELY 900 FT WEST OF LAUNCH SITE B ADJACENT TO THE BUILDING IDENTIFIED [REDACTED]. THE POSSIBLE TEMPORARY SUPPORT FACILITIES BETWEEN LAUNCH SITES B AND C, THOUGHT TO HAVE BEEN TENTS, HAVE NOW BEEN REMOVED. AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS PARKED NW OF LAUNCH SITE B.

25X1D

25X1D

25X1D

HEAVY TRACK ACTIVITY IS OBSERVED WEST OF THE LAUNCH AREA AND BETWEEN THE LAUNCH AREA AND TRACKING/GUIDANCE FACILITY. PILES OF MATERIAL, PROBABLY FOR ROAD SURFACING, ARE STORED ADJACENT TO THE SERVICE ROAD NEAR THE CENTRAL CONTROL REVETMENT OF THE TRACKING/GUIDANCE FACILITY. NO MISSILES ARE DISCERNIBLE.

25X1D

Handle Via

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25X1A

VOLGOGRAD PROB LONG RANGE SAM LCH CPLX UR 4821N 04417E

NO APPARENT CHANGE IS DISCERNIBLE AT THE COMPLEX OR THE AIR WARNING RADAR FACILITY.

25X1D

ANGARSK PROB LONG RANGE SAM LAUNCH CPLX UR 5242N 10402E

CONSTRUCTION CONTINUES AT THE TRACKING/GUIDANCE FACILITY AND AIR WARNING FACILITY WITH NO SIGNIFICANT CHANGE OBSERVED. TWO MISSILE ASSEMBLY/CHECKOUT BUILDINGS ARE NEWLY IDENTIFIED UNDER CONSTRUCTION AT THE MISSILE-HANDLING FACILITY WHILE AN AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY IS JUST EAST OF THE FACILITY. AT LEAST 7 BUILDINGS, 6 NEWLY IDENTIFIED, ARE UNDER CONSTRUCTION IN THE CLEARED AREA NE OF LAUNCH SITE A. AT LEAST 3 ADDITIONAL BUILDINGS ARE ALSO NEWLY IDENTIFIED IN CLEARINGS ADJACENT TO THE SUPPORT AREA AT THE NORTHERN EDGE OF THE COMPLEX. TREE CLEARANCE IS NOW UNDERWAY FROM LAUNCH SITE C TOWARD THE TRACKING/GUIDANCE FACILITY. NO MISSILES OR MISSILE-RELATED EQUIPMENT DISCERNIBLE.

THE UNIDENTIFIED FACILITY 3.5 NM SOUTH OF THE PROBABLE LONG RANGE SAM COMPLEX AT 52-38-50N 104-02-10E (REPORTED IN CABLE CITE NPIC 0598 AS PROBABLY ASSOCIATED WITH THE AIR WARNING FACILITY) IS NOW BELIEVED TO BE NOT SIMILAR TO THOSE UNIDENTIFIED AREAS SOMETIMES FOUND ASSOCIATED WITH PLRS BACK NET/SIDE NET FACILITIES. THIS UNIDENTIFIED FACILITY IS REPORTED SEPARATELY AS THE UST-BALEY UNIDENTIFIED FACILITY (SEE BONUS 3, OTHER ACTIVITY).

25X1D

25X1A

KRASNOYARSK PROB LONG RANGE SAM LCH CPLX UR 5634N 09320E

CONSTRUCTION OF BUILDINGS WITHIN THE SUPPORT AREA CONTINUES. AT LEAST 2 SMALL STRUCTURES ARE NEWLY IDENTIFIED ON THIS MISSION. REVETMENTS ARE NOW PROBABLY PRESENT AT LAUNCH POSITIONS A-3 AND C-3. ACCESS AND SERVICE ROADS NOW APPEAR TO BE SURFACED EXCEPT AT LAUNCH POSITIONS A-3, C-4, AND AT LAUNCH SITE B. CONSTRUCTION OF THE CENTRAL CONTROL REVETMENTS HAS PROGRESSED [REDACTED] A POSSIBLE

25X1D

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**TOP SECRET CHESS RUFF**

25X1D  
25X1D

BUILDING IS NEWLY IDENTIFIED UNDER CONSTRUCTION WITHIN THE MISSILE-HANDLING FACILITY AND ADJACENT TO A NEWLY IDENTIFIED LOOP ROAD LOCATED NORTH OF LAUNCH SITE 8. CONSTRUCTION OF THE CENTRAL CONTROL AREA AT THE TRACKING/GUIDANCE FACILITY HAS PROGRESSED

[REDACTED]

25X1A

TOMSK PROB LONG RANGE SAM LAUNCH COMPLEX UR 5636N 08433E

CONSTRUCTION CONTINUES WITH 2 NEW STRUCTURES IDENTIFIED IN THE MISSILE-HANDLING FACILITY AND 1 WITHIN THE PROBABLE SUPPORT AREA. RAIL BEDS APPEAR TO BE PRESENT AT THE LAUNCH POSITIONS AT SITES B AND C. AN L-SHAPED CLEARING IS NEWLY IDENTIFIED BETWEEN SITES B AND C. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

KOSTROMA PROB LONG RANGE SAM LCH CPLX UR 5813N 04138E

25X1D  
25X1D

THE COMPLEX IS IN A LATE STAGE OF CONSTRUCTION. OCCUPANCY OF LAUNCH SITES CANNOT BE DETERMINED. EACH LAUNCH POSITION AT LAUNCH SITES A AND C IS OCCUPIED BY A LAUNCHER AND 2 DOLLIES. TWO OF THE 3 RADAR POSITIONS AT THE TRACKING/GUIDANCE FACILITY ARE OCCUPIED ON ALL PASSES, AND EQUIPMENT IS OBSERVED IN THE CONTROL CENTER. THE PREVIOUSLY IDENTIFIED FOUNDATION ADJACENT TO THE MISSILE-HANDLING FACILITY MAY BE 2 CLOSELY SPACED FOUNDATIONS. A SHORT, ELEVATED ROAD EXTENDS FROM SITE A THROUGH THE INNER FENCE AND TERMINATES AT THE OUTER FENCE. TWO SMALL BUILDINGS ARE DISCERNIBLE IN THE MISSILE-HANDLING FACILITY. MOST OF THE TREES HAVE BEEN CLEARED BETWEEN THE LAUNCH SITES AND THE TRACKING/GUIDANCE FACILITY.

A NEW BUILDING IS UNDER CONSTRUCTION BETWEEN THE COMPLEX AND THE ADJACENT SA-2 SITE. NO MISSILES OBSERVED.

25X1D

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TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SHARYA PROB LONG RANGE SAM LAUNCH CPLX      UR 5826N 04530E

CONSTRUCTION CONTINUES AT THE COMPLEX. ADDITIONAL ROADS ARE NOW DISCERNIBLE WITHIN THE COMPLEX AREA AND AT LEAST 2 BUILDINGS UNDER CONSTRUCTION ARE NEWLY IDENTIFIED WITHIN A RECTANGULAR CLEARING WEST OF THE COMPLEX. NO MISSILES OR MISSILE-RELATED EQUIPMENT DISCERNIBLE.

25X1D



PAD-TOU SAM SITE A05-2

CH 4043N 11002E

THE SITE CONSISTS OF 6 REVETTED/FENCED OCCUPIED LAUNCH POSITIONS (5 OCCUPIED BY PROBABLE MISSILE TRANSPORTERS). THE CENTRAL GUIDANCE AREA IS REVETTED/FENCED AND OCCUPIED BY APPROXIMATELY 10 PIECES OF EQUIPMENT. SITE SUPPORT FACILITIES CONSIST OF APPROXIMATELY 15 BUILDINGS, 50 TENTS, AND AN UNDETERMINED NUMBER OF PROBABLE MISSILE TRANSPORTERS AND OTHER ASSOCIATED VEHICLES/PIECES OF EQUIPMENT.

25X1D



PEI-CHING SAM SITE B19-2

CH 3939N 11623E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS, ALL PROBABLY UNOCCUPIED.

25X1D



PEI-CHING SAM SITE B26-2

CH 3951N 11609E

SITE IS PROBABLY UNOCCUPIED AND APPEARS TO BE DETERIORATING.

25X1D



PEI-CHING SAM SITE B35-2

CH 4009N 11618E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2 MISSILE-HOLD POSITIONS, ALL PROBABLY UNOCCUPIED.

Handle Via

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25X1D



25X1A

PEI-CHING SAM SITE C18-2

CH 3934N 11624E

SITE IS PROBABLY UNOCCUPIED AND APPEARS TO BE  
DETERIORATING.

25X1D



SHUANG-CHENG-TZU MTC SAM SITE A12-2

CH 4106N 10020E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



FEODOSIYA SAM SITE A16-2

UR 4500N 03524E

NO EVIDENCE OF FACILITIES BEING DISMANTLED.

25X1D



GLAZOV SAM SUPPORT FACILITY

UR 5806N 05240E

THE UKRAINA-TYPE REVETMENT ADJACENT TO THE FACILITY IS  
OCCUPIED BY 5 VEHICLES/PIECES OF EQUIPMENT.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



NOVOROSSIYSK SAM SUPPORT FACILITY

UR 4440N 03746E

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.  
CONSTRUCTION OF THE UKRAINA-TYPE REVETMENT IS COMPLETE  
AND IT IS UNOCCUPIED. NO OTHER NEW FEATURES OBSERVED.

25X1D



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25X1A

SEVERODVINSK SAM SITE B02-3

UR 6445N 03958E

SITE CONTAINS 4 LAUNCH POSITIONS, OCCUPANCY UNDETERMINED. THE CENTRAL GUIDANCE AREA IS POSSIBLY OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



VOLKOVYSK SAM SITE A34-2

UR 5318N 02421E

SITE IS OF LINK CONFIGURATION AND CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 PROBABLY OCCUPIED, 1 COVERED, AND 2 OF UNDETERMINED OCCUPANCY. REVETTING AND OCCUPANCY OF THE CENTRAL GUIDANCE AREA ARE UNDETERMINED. THERE IS A LARGE REVETTED DRIVE-IN BUILDING WITH 2 POSSIBLE VEHICLES PARKED IN FRONT OF THE CENTRAL GUIDANCE AREA. THREE UNOCCUPIED REVETTED MISSILE-HOLD POSITIONS AND 1 OTHER UNOCCUPIED REVETMENT ARE LOCATED THROUGHOUT THE SITE. ONE LARGE AND 10 SMALLER SUPPORT BUILDINGS ARE IMMEDIATELY SE OF THE SITE.

25X1D



VOLKOVYSK SAM SITE B19-2

UR 5255N 02425E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 POSSIBLY OCCUPIED AND 3 OF UNDETERMINED OCCUPANCY.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



TING-HSING SAM SITE A13-2

CH 3914N 11549E

THE 6 LAUNCH POSITIONS ARE UNOCCUPIED. THE CENTRAL GUIDANCE AREA CONTAINS NUMEROUS VEHICLES/PIECES OF EQUIPMENT AND 2 OF THE 5 ADJACENT AIRCRAFT REVETMENTS CONTAIN POSSIBLE SA-2 MISSILE TRANSPORTERS. THE OTHER 3 CONTAIN VEHICLES/PIECES OF EQUIPMENT.

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NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

SHEN-YANG SAM SITE B05-2

CH 4159N 12344E

EACH OF THE 6 LAUNCH POSITIONS CONTAINS A COVERED  
PROBABLE SA-2 MISSILE TRANSPORTER. THE REVETTED  
CENTRAL GUIDANCE AREA IS OCCUPIED. AT LEAST 28 TENTS  
AND NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE EVIDENT  
NW OF THE LAUNCH POSITIONS.

25X1D

POTI CRUISE-MISSILE LAUNCH SITE 1

UR 4210N 04139E

BOTH LAUNCH POSITIONS APPEAR TO BE OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

POTI CRUISE-MISSILE LAUNCH SITE 3

UR 4211N 04139E

THE INSTALLATION REPORTED AS A CRUISE-MISSILE SUPPORT  
FACILITY UNDER POTI CRUISE-MISSILE LAUNCH SITE 1

[REDACTED] IS NOW IDENTIFIED AS  
A CRUISE-MISSILE LAUNCH SITE. THE FACILITY CONTAINS 2  
REVETTED, CIRCULAR, UNOCCUPIED LAUNCH POSITIONS. A  
MISSILE-HANDLING AREA IMMEDIATELY BEHIND THE LAUNCH  
POSITIONS CONTAINS 1 LARGE BUNKERED DRIVE-THROUGH  
BUILDING, 1 SMALL BUNKERED DRIVE-THROUGH BUILDING, AND  
1 LARGE SUPPORT BUILDING.

25X1D

YEN-TAI CRUISE MISSILE LAUNCH SITE

CH 3737N 12123E

BOTH LAUNCH POSITIONS APPEAR TO BE OCCUPIED. OCCUPANCY  
OF THE RADAR POSITION IS UNDETERMINED. NO VEHICULAR  
ACTIVITY IS OBSERVED IN THE SUPPORT AREA.

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TOP SECRET CHESS RUFF

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25X1D



25X1A

YANG-MA TAO SUSPECT CD POSITIONS

CH 3729N 12138E

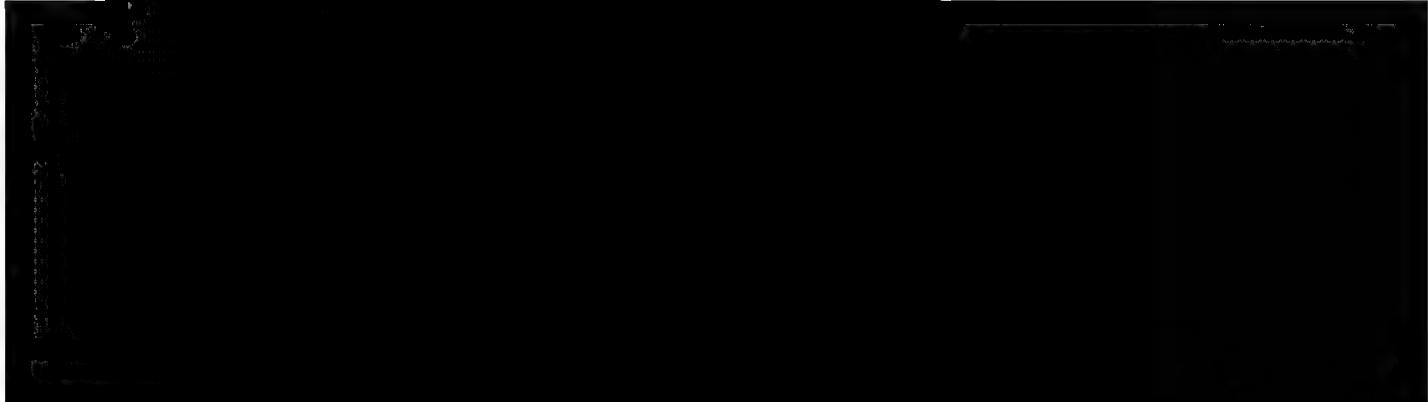
25X1B

NO EVIDENCE OF A CRUISE-MISSILE SITE OR ASSOCIATED EQUIPMENT IS OBSERVED.



25X1B

25X1D



BATUMI CRUISE-MISSILE LAUNCH SITES

UR 4136N 04135E

NO EVIDENCE OF CRUISE-MISSILE SITES, CRUISE MISSILES, OR ASSOCIATED EQUIPMENT OBSERVED WITHIN A 3-NM RADIUS.

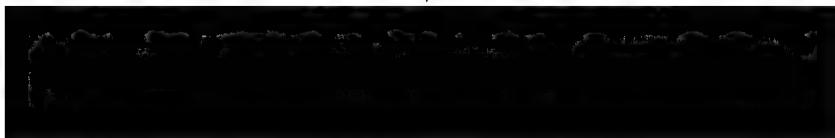
25X1D



BOBROVSKIY REGIONAL MILITARY STOR INSTLN UR 5640N 06105E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GLAZOV REGIONAL MILITARY STOR INSTLN UR 5751N 05316E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

Handle Via

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TOP SECRET CHESS RUFF

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25X2

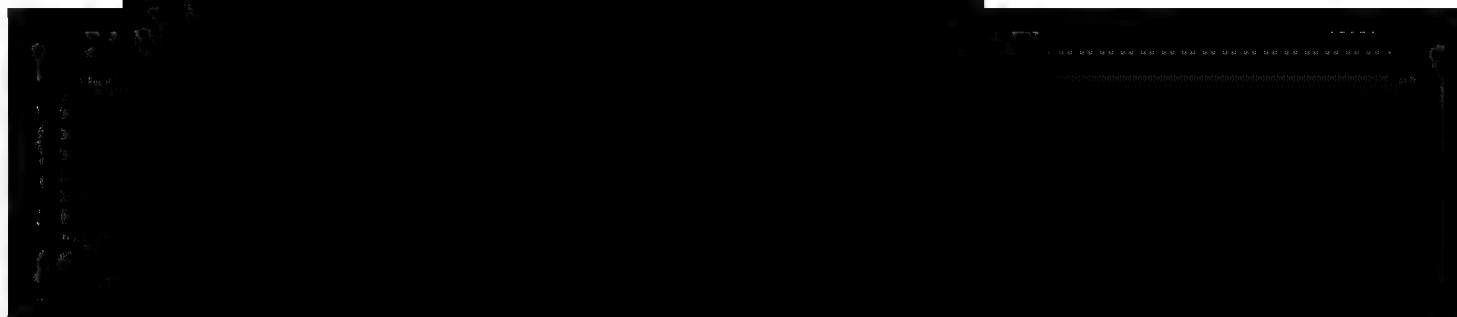


SUROVATIKHA REGIONAL MILITARY STOR INSTLN UR 5543N 04352E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1A

25X1D



Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

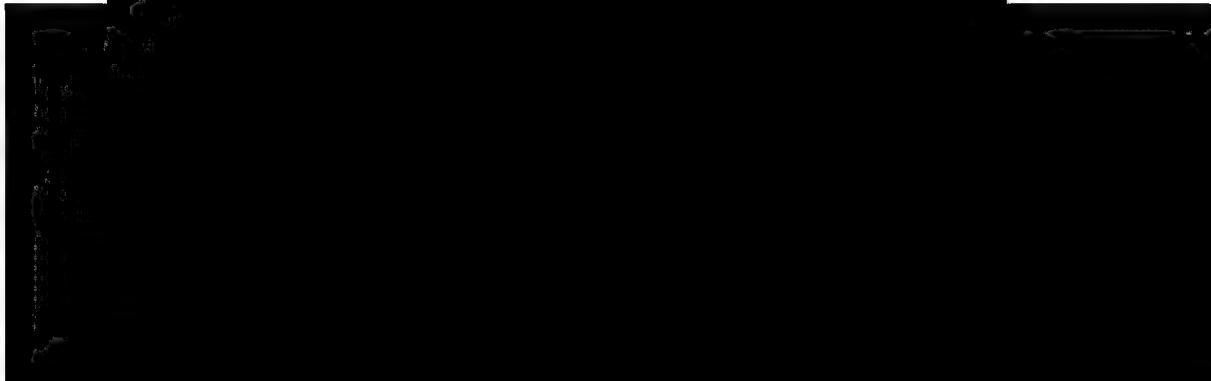
TAMBOV REGIONAL MILITARY STORAGE INSTLN UR 5227N 04127E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X2



MOSKVA SAM STORAGE SITE 1

UR 5559N 03820E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN  
BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA SAM STORAGE SITE 2

UR 5541N 03827E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN  
BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



Handle Via

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**TOP SECRET CHESS RUFF**

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

MOSKVA SAM STORAGE SITE 3

UR 5519N 03754E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA SAM STORAGE SITE 4

UR 5519N 03727E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA SAM STORAGE SITE 5

UR 5537N 03653E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MOSKVA SAM STORAGE SITE 6

UR 5551N 03651E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

25X1D



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25X1A

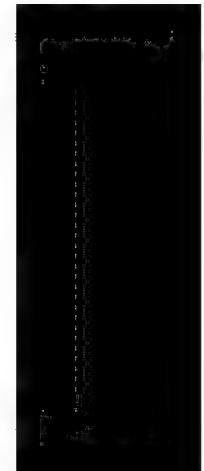
MOSKVA SAM STORAGE SITE 7

UR 5607N 03729E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

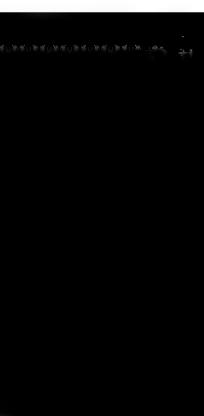
25X1D



SUROK SAM ASSEMBLY AND SUPPORT FACILITY UR 5627N 04809E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X6

NIZHNIY TAGIL SAM SUPPORT FACILITY UR 5752N 06002E

AT LEAST 10 VEHICLES/PIECES OF EQUIPMENT ARE IN THE SUPPORT FACILITY AND SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE IN THE AREA IMMEDIATELY WEST OF THE FACILITY WHERE PROBABLE LONG RANGE SAM EQUIPMENT WAS OBSERVED

25X1A

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

NIZHNYAYA TURA SAM SUPPORT FACILITY UR 5839N 05936E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA SA-3 SAM TRAINING FACILITY UR 5600N 03626E

FACILITY CONTAINS 4 LAUNCH POSITIONS (2 POSSIBLY OCCUPIED AND 2 OF UNDETERMINED OCCUPANCY) AND A CENTRAL POSSIBLY OCCUPIED CENTRAL GUIDANCE AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

LENINGRAD SAM TRAINING FACILITY UR 6007N 03059E

THE 2 SA-2 LAUNCH SITES HAVE 8 OCCUPIED LAUNCH POSITIONS, 4 UNOCCUPIED LAUNCH POSITIONS, AND 2 OCCUPIED CENTRAL GUIDANCE AREAS.

THE SA-3 LAUNCH SITE HAS 4 UNOCCUPIED LAUNCH POSITIONS. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY A TOWER AND 2 VEHICLES.

THE LENINGRAD-TYPE PROBABLE LONG RANGE SAM TRAINING AREA HAS 10 VEHICLES/PIECES OF EQUIPMENT. THE PROBABLE LONG RANGE SAM TRAINING AREA HAS 1 LAUNCH POSITION OCCUPIED AND 1 UNOCCUPIED. THE CENTRAL RADAR AREA IS OCCUPIED. AT LEAST 50 ADDITIONAL VEHICLES/PIECES OF EQUIPMENT ARE DISPERSED THROUGHOUT THE TRAINING FACILITY.

THE 6 ASSOCIATED RADAR MOUNDS ARE ALL PROBABLY OCCUPIED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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TOP SECRET CHESS RUFF

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TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

SHAN-TAN SAM TRAINING AREA A

CH 3846N 10105E

THE AREA NOW CONTAINS THREE 6-POSITION LAUNCH SITES, 2 OF WHICH HAVE BEEN CONSTRUCTED [REDACTED]

[REDACTED] THE WESTERNMOST SITE IS PROBABLY OCCUPIED. FIVE OF THE LAUNCH POSITIONS AND THE CENTRAL GUIDANCE AREA CONTAIN UNIDENTIFIED OBJECTS. OCCUPANCY OF THE SIXTH POSITION IS UNDETERMINED. A SECOND LAUNCH SITE IS UNOCCUPIED EXCEPT FOR THE CENTRAL GUIDANCE AREA WHICH CONTAINS A NORMAL COMPLEMENT OF SUPPORT VEHICLES AND A POSSIBLE RADAR. THE THIRD LAUNCH SITE CONTAINS NUMEROUS POSSIBLE MISSILE TRANSPORTERS, UNIDENTIFIED VEHICLES, AND UNIDENTIFIED OBJECTS IN THE CENTRAL GUIDANCE AREA.

(SEE ATTACHMENT)

25X1D

25X1D

SHAN-TAN SAM TRAINING AREA B

CH 3857N 10108E

THE AREA CONTAINS THREE 6-POSITION LAUNCH SITES, A PROBABLE 4-POSITION SITE, A PROBABLE ELECTRONICS INSTALLATION, 120-130 TENTS, AND NUMEROUS VEHICLES/PIECES OF EQUIPMENT. ONE 6-POSITION LAUNCH SITE IS COMPLETELY OCCUPIED. AT LEAST 2 POSITIONS APPEAR TO CONTAIN SA-2 MISSILE TRANSPORTERS AND THE OTHER POSITIONS CONTAIN UNIDENTIFIED OBJECTS. THE CENTRAL GUIDANCE AREA PROBABLY CONTAINS AN UNIDENTIFIED RADAR AND A NORMAL COMPLEMENT OF SUPPORT VANS/VEHICLES. ALL OTHER LAUNCH FACILITIES APPEAR UNOCCUPIED. A LOOP ROAD AT THE NW CORNER OF THE AREA CONTAINS APPROXIMATELY 4 BUILDINGS AND SEVERAL UNIDENTIFIED VEHICLES. AN UNIDENTIFIED OBJECT HAS BEEN CONSTRUCTED IN A REVETMENT JUST SOUTH OF THE PROBABLE ELECTRONICS INSTALLATION.

(SEE ATTACHMENT) OBSERVED.

25X1D

KALININ SAM TRAINING FACILITY

UR 5652N 03552E

SITE, OF IRREGULAR CONFIGURATION, CONSISTS OF 3 REVETTED LAUNCH POSITIONS, 1 PROBABLY OCCUPIED AND 2 PROBABLY UNOCCUPIED. THE REVETTED CENTRAL GUIDANCE AREA IS PROBABLY OCCUPIED. FOUR PROBABLY OCCUPIED

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KH-4 MISSION 1041, 10-23 MAY 1967

RADAR MOUNDS ARE APPROXIMATELY 750 FT EAST OF THE LAUNCH AREA. AT LEAST 5 LARGE AND 7 SMALLER BUILDINGS AND AT LEAST 25 VEHICLES/PIECES OF EQUIPMENT ARE LOCATED THROUGHOUT THE SITE.

25X1D



KIYEV PROB LONG RANGE SAM LAUNCH COMPLEX UR 5014N 03005E BONUS 1

19 NM SW OF KIYEV.

DOUBLY SECURED COMPLEX CONSISTS OF 3 LAUNCH SITES (A, B, AND C), A TRACKING/GUIDANCE FACILITY, AND A SUPPORT AREA, ALL UNDER CONSTRUCTION. THE COMPLEX WAS NOT PRESENT [REDACTED] AND IS FIRST SEEN ON THIS MISSION. IT APPEARS SIMILAR TO THE PROBABLE LONG RANGE SAM COMPLEXES AT PERESLAVI, ZALESSKIY, KHBABOVSK, AND KOSTROMA.

INITIAL RAIL BED CONSTRUCTION IS DISCERNIBLE AT ALL LAUNCH POSITIONS AT SITE A AND AT LAUNCH POSITIONS 1, 2, AND 3 AT SITE C. RAIL BED CONSTRUCTION APPARENTLY HAS NOT BEGUN AT SITE B. THE TRACKING/GUIDANCE FACILITY CONSISTS OF 2 RADAR POSITIONS. FIVE BUILDINGS ARE DISCERNIBLE IN THE SUPPORT AREA. ONLY THE SERVICE ROAD IS PRESENT AT THE MISSILE-HANDLING FACILITY.

AN UNIDENTIFIED AREA IS LOCATED 3.5 NM WEST OF THE COMPLEX. ALTHOUGH THE AREA IS IN THE APPROXIMATE LOCATION FOR THE AIR WARNING RADAR FACILITY, IT CANNOT BE DETERMINED AT THIS TIME WHETHER THE AREA WILL DEVELOP INTO THIS TYPE OF FACILITY.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



NEYA PROB LONG RANGE SAM LAUNCH COMPLEX UR 5822N 04348E BONUS 2

5.5 NM NNW OF NEYA.

NEWLY IDENTIFIED DOUBLY SECURED COMPLEX IN AN EARLY STAGE OF CONSTRUCTION CONSISTS OF A TRACKING/GUIDANCE FACILITY, A SUPPORT AREA, AND A LAUNCH AREA MAIN ROAD. THE COMPLEX WILL PROBABLY CONSIST OF 3 LAUNCH SITES CONSTRUCTED SIMILARLY TO THOSE AT THE KHBABOVSK.

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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001<sup>2</sup>  
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TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1D

KURESSAARE, AND PERESLAVL-ZALESSKIY PROBABLE LONG RANGE SAM LAUNCH COMPLEXES. THE COMPLEX ORIENTATION IS [REDACTED] DEGREES. THE COMPLEX IS LOCATED APPROXIMATELY 70 NM FROM BOTH THE KOSTROMA AND SHARYA PROBABLE LONG RANGE SAM LAUNCH COMPLEXES. THE COMPLEX WAS NOT PRESENT [REDACTED]

25X1D  
25X1D

25X1D

SAMBOR TACTICAL SSM SUPPORT FACILITY

UR 4928N 02315E BONUS 3

3 NM SE OF SAMBOR.

25X2

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

POLESSK SAM SITE A17-2

UR 5450N 02106E BONUS 4

1 NM SOUTH OF POLESSK AT 54-50-40N 021-06-30E.  
SITE IS OF STAR CONFIGURATION AND IS IN LATE STAGES OF CONSTRUCTION. IT CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS UNDER CONSTRUCTION, ALL UNOCCUPIED.

25X1D

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

**Index**

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

Handle Via

TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

INDEX OF TARGETS

AN ASTERISK (\*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMOR	INSTALLATION NAME	CTY COORDINATES PT
	PLESETSK MISSILE AND SPACE CENTER	UR 6254N 04038E 1
	YURYA ICBM COMPLEX	UR 5904N 04917E 1
	YURYA ICBM LAUNCH SITE 1	UR 5709N 04939E *
	YURYA ICBM LAUNCH SITE 2	UR 5910N 04931E *
	VERKHNYAYA SALDA ICBM COMPLEX	UR 5802N 06024E 1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 9	UR 5805N 06012E *
	TYURATAM MISSILE TEST CENTER	UR 4538N 06317E 1
	TYURATAM LAUNCH COMPLEX A	UR 4555N 06320E 1
	TYURATAM LAUNCH COMPLEX B	UR 4559N 06333E 1
	TYURATAM LAUNCH COMPLEX C	UR 4558N 06339E 1
	TYURATAM LAUNCH COMPLEX D	UR 4601N 06400E 1
	TYURATAM LAUNCH COMPLEX E	UR 4557N 06311E 1
	TYURATAM LAUNCH COMPLEX F	UR 4601N 06305E 1
	TYURATAM LAUNCH COMPLEX G	UR 4604N 06255E 1
	TYURATAM LAUNCH COMPLEX H	UR 4559N 06342E 1
	TYURATAM LAUNCH GROUP I (SITES I1-I3, I7)	UR 4555N 06326E 1
	TYURATAM LAUNCH GROUP I (SITE I4)	UR 4554N 06320E 1
	TYURATAM LAUNCH GROUP I (SITES I5, I6)	UR 4559N 06333E 1
	TYURATAM LAUNCH COMPLEX J	UR 4555N 06317E 1
	TYURATAM LAUNCH GROUP K (SITE K1-K2)	UR 4601N 06303E 1
	TYURATAM LAUNCH GROUP K (SITE K3)	UR 4604N 06256E 1
	TYURATAM LAUNCH GROUP L	UR 4603N 06259E 1
	TYURATAM LAUNCH GROUP M (SITE M1)	UR 4603N 06302E 1
	TYURATAM LAUNCH GROUP M (SITE M2)	UR 4600N 06301E 1
	TYURATAM LAUNCH GROUP M (SITE M3)	UR 4602N 06306E 1
	TYURATAM LAUNCH GROUP N (SITE N1)	UR 4602N 06303E 1
	TYURATAM LAUNCH GROUP N (SITE N2-N3)	UR 4604N 06257E 1
	TYURATAM MAIN SUPPORT BASE	UR 4538N 06317E 1
	YOSHKAR-OLA ICBM COMPLEX	UR 5633N 04801E 1
	SVOBODNYY ICBM COMPLEX	UR 5146N 12806E 1
	DROVYANAYA ICBM COMPLEX	UR 5131N 11300E 1
	KOSTROMA ICBM COMPLEX	UR 5746N 04101E 1
	ITATKA ICBM COMPLEX	UR 5650N 08535E 1
	SHADRINSK ICBM COMPLEX	UR 5607N 06339E 1
	OMSK ICBM COMPLEX	UR 5504N 07331E 1
	OMSK ICBM LAUNCH SITE 1	UR 5509N 07337E *
	PERM ICBM COMPLEX	UR 5742N 05619E 1
	TEYKOVO ICBM COMPLEX	UR 5652N 04034E 1
	TYUMEN ICBM COMPLEX	UR 5652N 06551E 1
	YEDROVO ICBM COMPLEX	UR 5751N 03340E 1
	YEDROVO ICBM LAUNCH SITE 23 (J)	UR 5751N 03323E *
	YEDROVO ICBM LAUNCH SITE 25	UR 5750N 03318E *

Handle Via

TALENT-KEYHOLE  
Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
Control System Only

TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GLADKAYA ICBM COMPLEX	UR 5606N 09214E 1
UZHUR ICBM COMPLEX	UR 5517N 08949E 1
UZHUR ICBM LAUNCH SITE 4 (A)	UR 5517N 08926E *
UZHUR ICBM LAUNCH SITE 10 (B)	UR 5520N 08909E *
UZHUR ICBM LAUNCH SITE 23 (D)	UR 5455N 08915E *
UZHUR ICBM LAUNCH SITE 25 (D)	UR 5509N 08931E *
UZHUR ICBM LAUNCH SITE 27 (E)	UR 5514N 08954E *
UZHUR ICBM LAUNCH SITE 32 (F)	UR 5521N 09015E *
UZHUR ICBM LAUNCH SITE 35 (F)	UR 5522N 09026E *
UZHUR ICBM LAUNCH SITE 37 (F)	UR 5511N 09025E *
UZHUR ICBM LAUNCH SITE 39 (G)	UR 5512N 09035E *
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 1
KOZELSK ICBM COMPLEX	UR 5356N 03549E 1
KOZELSK ICBM PROB LAUNCH SITE 36 (I)	UR 5356N 03551E *
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
ZHANGIZ-TOBE ICBM COMPLEX	UR 4912N 08109E 1
ZHANGIZ-TOBE ICBM LAUNCH SITE 4 (A)	UR 4910N 08105E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 8 (B)	UR 4926N 08057E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 12 (B)	UR 4922N 08106E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 13 (C)	UR 4909N 08114E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 14 (C)	UR 4910N 08121E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 15 (C)	UR 4908N 08129E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 16 (C)	UR 4903N 08122E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 17 (C)	UR 4901N 08129E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 19 (D)	UR 4901N 08104E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 21 (D)	UR 4857N 08059E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 22 (X)	UR 4912N 08107E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 23 (D)	UR 4853N 08105E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 24 (D)	UR 4853N 08056E *
ZHANGIZ-TOBE ICBM LAUNCH SITE 26 (D)	UR 4849N 08103E *
ZHANGIZ-TOBE ICBM RAIL-TO-ROAD TSFR POINT	UR 4912N 08108E *
DOMBAROVSKIY ICBM COMPLEX	UR 5101N 05950E 1
ALEYSK ICBM COMPLEX	UR 5229N 08243E 1
ALEYSK ICBM LAUNCH SITE 1 (A)	UR 5227N 08235E *
ALEYSK ICBM LAUNCH SITE 2 (A)	UR 5230N 08240E *
ALEYSK ICBM LAUNCH SITE 3 (A)	UR 5233N 08242E *
ALEYSK ICBM LAUNCH SITE 5 (A)	UR 5235N 08230E *
ALEYSK ICBM LAUNCH SITE 6 (A)	UR 5236N 08235E *
ALEYSK ICBM LAUNCH SITE 9 (B)	UR 5215N 08238E *
ALEYSK ICBM LAUNCH SITE 10 (B)	UR 5210N 08235E *
ALEYSK ICBM LAUNCH SITE 11 (B)	UR 5212N 08243E *
ALEYSK ICBM LAUNCH SITE 12 (A)	UR 5233N 08234E *
ALEYSK ICBM LAUNCH SITE 13 (B)	UR 5220N 08241E *
ALEYSK ICBM LAUNCH SITE 14 (X)	UR 5228N 08240E *
ALEYSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5228N 08242E *
KARTALY ICBM COMPLEX	UR 5302N 06034E 1
IMENI GASTELLO ICBM COMPLEX	UR 5106N 06618E 1
IMENI GASTELLO ICBM LAUNCH SITE 1 (A)	UR 5103N 06605E *
IMENI GASTELLO ICBM LAUNCH SITE 4 (A)	UR 5107N 06612E *

Handle Via

TALENT-KEYHOLE

Control System Only

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2 FCS-80337/67

IMENI GASTELLO ICBM LAUNCH SITE 6 (A)	UR 5113N 06605E *
IMENI GASTELLO ICBM LAUNCH SITE 7 (8)	UR 5057N 06608E *
IMENI GASTELLO ICBM LAUNCH SITE 9 (B)	UR 5057N 06616E *
IMENI GASTELLO ICBM LAUNCH SITE 10 (B)	UR 5052N 06617E *
IMENI GASTELLO ICBM LAUNCH SITE 15 (C)	UR 5054N 06534E *
IMENI GASTELLO ICBM LAUNCH SITE 16 (C)	UR 5102N 06550E *
IMENI GASTELLO ICBM LAUNCH SITE 17 (C)	UR 5101N 06541E *
IMENI GASTELLO ICBM LAUNCH SITE 20 (D)	UR 5124N 06615E *
IMENI GASTELLO ICBM LAUNCH SITE 21 (X)	UR 5106N 06616E *
IMENI GASTELLO ICBM LAUNCH SITE 22 (D)	UR 5126N 06608E *
IMENI GASTELLO ICBM LAUNCH SITE 25 (D)	UR 5120N 06558E *
IMENI GASTELLO ICBM COMPLEX SUPPORT FAC	UR 5106N 06618E *
IMENI GASTELLO ICBM RAIL-TO-ROAD TSFR PT	UR 5106N 06617E *
TATISHCHEVO ICBM COMPLEX	UR 5140N 04534E 1
TATISHCHEVO ICBM LAUNCH SITE 1 (A)	UR 5148N 04539E *
TATISHCHEVO ICBM LAUNCH SITE 3 (A)	UR 5148N 04545E *
TATISHCHEVO ICBM LAUNCH SITE 15 (B)	UR 5132N 04535E *
TATISHCHEVO ICBM LAUNCH SITE 19 (B)	UR 5131N 04523E *
TATISHCHEVO ICBM LAUNCH SITE 45 (E)	UR 5152N 04546E *
TATISHCHEVO ICBM LAUNCH SITE 65 (F)	UR 5149N 04518E *
TATISHCHEVO ICBM LAUNCH SITE 74 (I)	UR 5208N 04517E *
TATISHCHEVO ICBM LAUNCH SITE 82 (E)	UR 5152N 04552E *
TATISHCHEVO ICBM LAUNCH SITE 83 (I)	UR 5212N 04528E *
TATISHCHEVO ICBM LAUNCH SITE 93 (I)	UR 5210N 04513E *
TATISHCHEVO ICBM LAUNCH SITE 94 (H)	UR 5159N 04602E *
TATISHCHEVO ICBM LAUNCH SITE 104 (I)	UR 5207N 04512E *
TATISHCHEVO ICBM LAUNCH SITE 108 (G)	UR 5158N 04524E *
TATISHCHEVO ICBM LAUNCH SITE 110 (J)	UR 5212N 04536E *
TATISHCHEVO ICBM LAUNCH SITE 112 (J)	UR 5206N 04541E *
TATISHCHEVO ICBM LAUNCH SITE 117 (J)	UR 5212N 04548E *
TATISHCHEVO ICBM LAUNCH SITE 125 (K)	UR 5147N 04604E *
TATISHCHEVO ICBM LAUNCH SITE 131	UR 5201N 04514E *
TATISHCHEVO ICBM LAUNCH SITE 138 (K)	UR 5152N 04613E *
TATISHCHEVO ICBM RAIL-TO-ROAD TRANSFER PT	UR 5141N 04532E *
AKHTYRKA MRBM LAUNCH SITE 1	UR 5016N 03449E 1
AKHTYRKA MRBM LAUNCH SITE 2	UR 5022N 03457E 1
AKHTYRKA FIXED FIELD MRBM SITE	UR 5019N 03451E 1
PETROVSKIY IRBM LAUNCH SITE	UR 5000N 05657E *
SOFIYE-ALEKSEYEVSKOYE MRBM LAUNCH SITE	UR 4415N 13122E 1
BARANO-ORENBURGSKOYE MRBM LAUNCH SITE	UR 4420N 13130E 1
SOFIYE-ALEKSEYEVSKOYE FIXED FLD MRBM SITE	UR 4411N 13124E 1
NOVOGEORGIIYEVKA FIXED FIELD MRBM SITE	UR 4409N 13125E 1
OLEVSK MRBM LAUNCH SITE 1	UR 5108N 02759E 1
OLEVSK MRBM LAUNCH SITE 2	UR 5110N 02803E 1
RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5103N 02807E 1
RUDNYA ZLOTINSKAYA FIXED FIELD MRBM SITE	UR 5108N 02800E 1
BREST MRBM LAUNCH SITE 1	UR 5148N 02400E 1
BREST MRBM LAUNCH SITE 2	UR 5151N 02401E 1
PISHCHA FIXED FIELD MRBM SITE	UR 5135N 02346E 1

Handle Via

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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

TCS-80337/67

25X1A

KH-4 MISSION 1041, 10-23 MAY 1967

ZAMSHANY FIXED FIELD MRBM SITE	UR 5150N 02402E 1
BRODY MRBM LAUNCH SITE 1	UR 5006N 02512E 1
BRODY MRBM LAUNCH SITE 2	UR 5012N 02505E 1
BERESTECHKO MRBM LAUNCH SITE	UR 5020N 02505E 1
YAZLOVCHIK FIXED FIELD MRBM SITE	UR 5005N 02501E 1
STANISLAVCHIK FIXED FIELD MRBM SITE	UR 5006N 02456E 1
DERAZHNYA MRBM LAUNCH SITE 1	UR 4920N 02726E 1
DERAZHNYA MRBM LAUNCH SITE 2	UR 4926N 02728E 1
KHMELNITSKIY MRBM LAUNCH SITE	UR 4924N 02708E 1
KHMELNITSKIY FIXED FIELD MRBM SITE	UR 4925N 02706E 1
LETICHEV FIXED FIELD MRBM SITE 1	UR 4922N 02743E 1
LETICHEV FIXED FIELD MRBM SITE 2	UR 4925N 02744E 1
DISNA MRBM LAUNCH SITE	UR 5535N 02816E 1
ZELKI MRBM LAUNCH SITE	UR 5535N 02824E 1
BORKOVICHI MRBM LAUNCH SITE	UR 5541N 02827E 1
DERNOVICHI FIXED FIELD MRBM SITE	UR 5547N 02819E 1
DEMIDOVO FIXED FIELD MRBM SITE	UR 5601N 02818E 1
MORACHKOVO FIXED FIELD MRBM SITE	UR 5553N 02816E 1
DROGOBYCH MRBM LAUNCH SITE	UR 4925N 02334E 1
DYATLOVO MRBM LAUNCH SITE	UR 5332N 02517E 1
BEREZOVKA MRBM LAUNCH SITE	UR 5335N 02527E 1
ZBLYANY MRBM LAUNCH SITE	UR 5335N 02517E 1
RUDA YAVORSKAYA FIXED FIELD MRBM SITE 1	UR 5323N 02510E 1
RUDA YAVORSKAYA FIXED FIELD MRBM SITE 2	UR 5323N 02512E 1
RUDA YAVORSKAYA FIXED FIELD MRBM SITE 3	UR 5323N 02513E 1
BEREZOVKA FIXED FIELD MRBM SITE	UR 5342N 02530E 1
BORKHOV MRBM LAUNCH SITE 1	UR 5218N 03042E 1
BORKHOV MRBM LAUNCH SITE 2	UR 5224N 03038E 1
GOMEL FIXED FIELD MRBM SITE 1	UR 5220N 03050E 1
GOMEL FIXED FIELD MRBM SITE 2	UR 5224N 03050E 1
GRANOV IRBM LAUNCH SITE 1	UR 4856N 02930E 1
GRANOV IRBM LAUNCH SITE 2	UR 4850N 02928E *
KALNIK IRBM LAUNCH SITE	UR 4859N 02921E 1
GRESK MRBM LAUNCH SITE 1	UR 5314N 02742E 1
GRESK MRBM LAUNCH SITE 2	UR 5316N 02740E 1
URECHYE MRBM LAUNCH SITE	UR 5311N 02758E 1
GUSEV MRBM LAUNCH SITE 1	UR 5441N 02204E 1
GUSEV MRBM LAUNCH SITE 2	UR 5444N 02203E 1
TOLMINGKEMSK FIXED FIELD MRBM SITE 1	UR 5422N 02220E 1
GVARDEYSK MRBM LAUNCH SITE 1	UR 5440N 02107E 1
GVARDEYSK MRBM LAUNCH SITE 2	UR 5445N 02109E 1
VYSOKOYE FIXED FIELD MRBM SITE	UR 5444N 02133E 1
IECAVA MRBM LAUNCH SITE 1	UR 5635N 02404E 1
IECAVA MRBM LAUNCH SITE	UR 5639N 02407E 1
IECAVA MRBM LAUNCH SITE 3	UR 5633N 02420E 1
JELGAVA FIXED FIELD MRBM SITE 1	UR 5638N 02352E 1
JELGAVA FIXED FIELD MRBM SITE 2	UR 5644N 02354E 1
KARMELOVA MRBM LAUNCH SITE	UR 5457N 02405E 1
JONAVA MRBM LAUNCH SITE	UR 5500N 02414E 1

Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
Control System Only

TOP SECRET CHESS RUFF

TCS-80337/67

25X1A

KH-4 MISSION 1041, 10-23 MAY 1967

KAISIADORYS FIXED FIELD MRBM SITE	UR 5459N 02428E 1
DUNAYEVTSY MRBM LAUNCH SITE	UR 4855N 02659E 1
VINKOVTSY FIXED FIELD MRBM SITE	UR 4856N 02711E 1
KIVERTSY MRBM LAUNCH SITE 1	UR 5053N 02530E 1
KIVERTSY MRBM LAUNCH SITE 2	UR 5056N 02536E 1
TROSTYANETS MRBM LAUNCH SITE	UR 5058N 02539E 1
KIVERTSY FIXED FIELD MRBM SITE	UR 5050N 02523E 1
PETRIKOV MRBM LAUNCH SITE	UR 5210N 02834E 1
KONKOVICHI MRBM LAUNCH SITE	UR 5215N 02837E 1
NOVOSELKI FIXED FIELD MRBM SITE 1	UR 5223N 02843E 1
NOVOSELKI FIXED FIELD MRBM SITE 2	UR 5226N 02841E 1
KOROSTEN MRBM LAUNCH SITE 1	UR 5051N 02818E 1
KOROSTEN MRBM LAUNCH SITE 2	UR 5052N 02831E 1
LITKI FIXED FIELD MRBM SITE 1	UR 5101N 02827E 1
YEMILCHINO FIXED FIELD MRBM SITE 1	UR 5052N 02753E 1
YEMILCHINO FIXED FIELD MRBM SITE 2	UR 5052N 02753E 1
LITKI FIXED FIELD MRBM SITE 2	UR 5101N 02824E 1
KOZHANOVICHI MRBM LAUNCH SITE 1	UR 5210N 02751E 1
KOZHANOVICHI MRBM LAUNCH SITE 2	UR 5211N 02748E 1
LYUDENEVICHI FIXED FIELD MRBM SITE	UR 5218N 02741E 1
VIESVILE MRBM LAUNCH SITE	UR 5501N 02223E 1
RAGNIT MRBM LAUNCH SITE	UR 5501N 02211E 1
KREMOVO MRBM LAUNCH SITE	UR 4401N 13219E 1
LYALICHI MRBM LAUNCH SITE	UR 4402N 13226E 1
MANZOVKA FIXED FIELD MRBM SITE	UR 4412N 13234E 1
KROLEVETS IRBM LAUNCH SITE 1	UR 5136N 03329E 1
KROLEVETS IRBM LAUNCH SITE 2	UR 5140N 03331E 1
BEREZA IRBM LAUNCH SITE	UR 5143N 03344E 1
KURGANCHA FIXED FIELD MRBM SITE	UR 3945N 06601E 1
LEBEDIN IRBM LAUNCH SITE 1	UR 5032N 03425E 1
LEBEDIN IRBM LAUNCH SITE 2	UR 5035N 03424E 1
LEBEDIN IRBM LAUNCH SITE 3	UR 5037N 03427E 1
LIDA MRBM LAUNCH SITE 1	UR 5347N 02520E 1
LIDA MRBM LAUNCH SITE 2	UR 5357N 02527E 1
VASILISHKI FIXED FIELD MRBM SITE	UR 5344N 02455E 1
LUTSK MRBM LAUNCH SITE 1	UR 5046N 02502E 1
LUTSK MRBM LAUNCH SITE 2	UR 5050N 02503E 1
VLADIMIR VOLYNSKIY MRBM LAUNCH SITE	UR 5048N 02442E 1
GORKHOV FIXED FIELD MRBM SITE	UR 5035N 02448E 1
SHATSK FIXED FIELD MRBM SITE 1	UR 5327N 02748E 1
KURDZHIPISKAYA MRBM LAUNCH SITE	UR 4431N 04000E 1
SHIRVANSKAYA MRBM LAUNCH SITE	UR 4425N 03953E 1
TULSKAYA FIXED FIELD MRBM SITE	UR 4431N 04014E 1
MAYKOP FIXED FIELD MRBM SITE	UR 4433N 03957E 1
MOLOSKOVITSY MRBM LAUNCH SITE 1	UR 5928N 02905E 1
MOLOSKOVITSY MRBM LAUNCH SITE 2	UR 5929N 02912E 1
GURLEVO MRBM LAUNCH SITE	UR 5925N 02854E 1
KOTLY FIXED FIELD MRBM SITE 1	UR 5937N 02841E 1
KOTLY FIXED FIELD MRBM SITE 2	UR 5939N 02836E 1

Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
Control System Only

TCS-80337/67

25X1A

KH-4 MISSION 1041, 10-23 MAY 1967

NIGRANDE IRBM LAUNCH SITE	UR 5631N 02202E 1
SKRUNDA IRBM LAUNCH SITE	UR 5635N 02149E 1
VAINODE IRBM LAUNCH SITE	UR 5628N 02150E 1
OSTROG MRBM LAUNCH SITE 1	UR 5014N 02643E 1
OSTROG MRBM LAUNCH SITE 2	UR 5017N 02641E 1
SLAVUTA FIXED FIELD MRBM SITE	UR 5016N 02657E 1
SHEPETOVKA FIXED FIELD MRBM SITE	UR 5012N 02658E 1
PAPLAKA MRBM LAUNCH SITE 1	UR 5622N 02117E 1
PAPLAKA MRBM LAUNCH SITE 2	UR 5625N 02116E 1
IVANOVO MRBM LAUNCH SITE	UR 5210N 02541E 1
MOTOL MRBM LAUNCH SITE	UR 5212N 02544E 1
LYCHKOVTSY FIXED FIELD MRBM SITE	UR 5215N 02521E 1
POLOTSK MRBM LAUNCH SITE 1	UR 5522N 02844E 1
POLOTSK MRBM LAUNCH SITE 2	UR 5524N 02833E 1
PLISSA FIXED FIELD MRBM SITE 1	UR 5512N 02802E 1
PLISSA FIXED FIELD MRBM SITE 2	UR 5511N 02754E 1
POSTAVY MRBM LAUNCH SITE 1	UR 5509N 02653E 1
KOZYANY MRBM LAUNCH SITE	UR 5520N 02651E 1
POSTAVY MRBM LAUNCH SITE 2	UR 5506N 02700E 1
BOGATOYE FIXED FIELD MRBM SITE	UR 5457N 02628E 1
KOBYLNIK FIXED FIELD MRBM SITE	UR 5456N 02637E 1
PRUZHANY MRBM LAUNCH SITE 1	UR 5230N 02408E 1
PRUZHANY MRBM LAUNCH SITE 2	UR 5233N 02406E 1
STRIGOVO FIXED FIELD MRBM SITE	UR 5223N 02414E 1
SHCHERCHEVO FIXED FIELD MRBM SITE	UR 5223N 02410E 1
PRUZHANY FIXED FIELD MRBM SITE	UR 5226N 02419E 1
SIMUNA MRBM LAUNCH SITE 1	UR 5908N 02626E 1
VAIKE MAARJA MRBM LAUNCH SITE	UR 5911N 02620E 1
TAMSALU FIXED FIELD MRBM SITE	UR 5908N 02609E 1
KADRINA FIXED FIELD MRBM SITE	UR 5916N 02610E 1
TAPA FIXED FIELD MRBM SITE	UR 5916N 02603E 1
RISTI MRBM LAUNCH SITE 1	UR 5904N 02404E 1
RISTI MRBM LAUNCH SITE 2	UR 5907N 02406E 1
KLOOSTRI FIXED FIELD MRBM SITE 1	UR 5913N 02403E 1
KLOOSTRI FIXED FIELD MRBM SITE 2	UR 5916N 02401E 1
KRUPA MRBM LAUNCH SITE 1	UR 5247N 02442E 1
KRUPA MRBM LAUNCH SITE 2	UR 5249N 02445E 1
SHCHITNO FIXED FIELD MRBM SITE 2	UR 5241N 02457E 1
KARA-BABAU IRBM LAUNCH SITE 1	UR 4431N 07746E 1
KARA-BABAU IRBM LAUNCH SITE 2	UR 4430N 07759E 1
KARA-BABAU IRBM LAUNCH SITE 3	UR 4431N 07741E 1
SALANTAI MRBM LAUNCH SITE 1	UR 5559N 02138E 1
SALANTAI MRBM LAUNCH SITE 2	UR 5601N 02141E 1
ZEMAICIU KALVARIJA MRBM LAUNCH SITE	UR 5601N 02154E 1
TELSIAI FIXED FIELD MRBM SITE	UR 5556N 02207E 1
ALSEDZIAI FIXED FIELD MRBM SITE	UR 5600N 02206E 1
MAZANKA MRBM LAUNCH SITE	UR 4453N 03419E 1
BALKI MRBM LAUNCH SITE	UR 4456N 03426E 1
BYTEN MRBM LAUNCH SITE 1	UR 5252N 02521E 1

Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2 TOP SECRET CHESS RUFF

Control System Only

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

BYTEN MRBM LAUNCH SITE 2	UR 5255N 02521E 1
GAVINOVICHI FIXED FIELD MRBM SITE	UR 5301N 02538E 1
SMORGON IRBM LAUNCH SITE 1	UR 5431N 02617E 1
SMORGON IRBM LAUNCH SITE 2	UR 5426N 02618E 1
SOKAL MRBM LAUNCH SITE 1	UR 5022N 02418E 1
SOKAL MRBM LAUNCH SITE 2	UR 5027N 02420E 1
SLAVSK MRBM LAUNCH SITE 1	UR 5459N 02136E 1
SLAVSK MRBM LAUNCH SITE 2	UR 5459N 02128E 1
TAURAGE MRBM LAUNCH SITE 1	UR 5510N 02220E 1
TAURAGE MRBM LAUNCH SITE 3	UR 5505N 02219E 1
SKAUDVILE FIXED FIELD MRBM SITE	UR 5523N 02231E 1
TAURAGE FIXED FIELD MRBM SITE	UR 5509N 02215E 1
TAYBOLA IRBM LAUNCH SITE 1	UR 6828N 03315E 1
TAYBOLA IRBM LAUNCH SITE 2	UR 6830N 03322E 1
TORVA MRBM LAUNCH SITE 1	UR 5756N 02604E 1
TORVA MRBM LAUNCH SITE 2	UR 5759N 02605E 1
VEPRIAI MRBM LAUNCH SITE	UR 5507N 02438E 1
UKMERGE MRBM LAUNCH SITE	UR 5511N 02442E 1
GELVONAI FIXED FIELD MRBM SITE	UR 5507N 02443E 1
BALNINKAI FIXED FIELD MRBM SITE	UR 5513N 02501E 1
MANKOVKA MRBM LAUNCH SITE	UR 4857N 03024E 1
KISHENTSY MRBM LAUNCH SITE	UR 4900N 03013E 1
OVRUCH MRBM LAUNCH SITE 1	UR 5117N 02816E 1
OVRUCH MRBM LAUNCH SITE 2	UR 5118N 02810E 1
LIPNIKI MRBM LAUNCH SITE	UR 5112N 02826E 1
LUGINY FIXED FIELD MRBM SITE	UR 5107N 02822E 1
BOLSUNY FIXED FIELD MRBM SITE	UR 5107N 02827E 1
VSELYUB MRBM LAUNCH SITE 1	UR 5345N 02542E 1
VSELYUB MRBM LAUNCH SITE 2	UR 5347N 02546E 1
YELSK MRBM LAUNCH SITE 1	UR 5142N 02912E 1
YELSK MRBM LAUNCH SITE 2	UR 5147N 02918E 1
YELSK FIXED FIELD MRBM SITE	UR 5151N 02905E 1
ZAGARE MRBM LAUNCH SITE 1	UR 5623N 02319E 1
ZAGARE MRBM LAUNCH SITE 2	UR 5628N 02321E 1
LIELELEJA MRBM LAUNCH SITE	UR 5624N 02336E 1
DOBELE FIXED FIELD MRBM SITE 2	UR 5640N 02307E 1
ZHITOMIR MRBM LAUNCH SITE 1	UR 5004N 02815E 1
ZHITOMIR MRBM LAUNCH SITE 2	UR 5010N 02816E 1
BERDICHEV MRBM LAUNCH SITE	UR 5005N 02822E 1
BERDICHEV FIXED FIELD MRBM SITE	UR 4951N 02825E 1
GNIVAN MRBM LAUNCH SITE	UR 4908N 02811E 1
ZHMERINKA MRBM LAUNCH SITE	UR 4910N 02804E 1
VINNITSA MRBM LAUNCH SITE	UR 4917N 02820E 1
VINNITSA FIXED FIELD MRBM SITE	UR 4913N 02819E 1
BAR' FIXED FIELD MRBM SITE	UR 4905N 02742E 1
ZNAMENSK MRBM LAUNCH SITE 1	UR 5432N 02110E 1
ZNAMENSK MRBM LAUNCH SITE 2	UR 5435N 02107E 1
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR 4835N 04545E 1
KAPUSTIN YAR SAM LAUNCH COMPLEX	UR 4848N 04545E 1

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TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

TCS-80337/67

25X1A

KH-4 MISSION 1041, 10-23 MAY 1967

SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E 1
SARY-SHAGAN LAUNCH COMPLEX A (ZONE A)	UR 4625N 07252E 1
SARY-SHAGAN LAUNCH COMPLEX B (ZONE B)	UR 4559N 07231E 1
SARY-SHAGAN LAUNCH COMPLEX C	UR 4549N 07325E 1
SARY-SHAGAN PROB LR SAM LAUNCH CPLX 1	UR 4605N 07327E 1
MAKAT FIELD LAUNCH POINT MRBM	UR 4758N 05342E 1
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E 1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX A	CH 4115N 10017E 1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B	CH 4115N 10018E 1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX C	CH 4118N 10017E 1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX D	CH 4122N 10015E 1
SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX	CH 4102N 10030E 1
SHUANG-CHENG-TZU SSM-SAM ASBLY & CHECK CPX	CH 4106N 10016E 1
SHUANG-CHENG-TZU MTC MAIN SUPPORT BASE	CH 4058N 10011E 1
SHUANG-CHENG-TZU PROB SSM TRNG SITE 1	CH 4143N 10025E 1
SHUANG-CHENG-TZU PROB SSM TRNG SITE 2	CH 4143N 10041E 1
EMBA MSL TEST CENTER SUPPORT AREA A	UR 4846N 05804E 1
EMBA MSL TEST CENTER LAUNCH AREA	UR 4831N 05801E 1
EMBA CONTROL CTR TRACKING FAC 2	UR 4832N 05802E 1
EMBA MSL TEST CENTER SUPPORT AREA B	UR 4834N 05803E *
EMBA MTC INSTRUMENTATION PATTERN	UR 4833N 05802E 1
AYBATKAZGAN SSM AREA TUMA TAU	UR 4645N 06825E *
SARY-SHAGAN MRBM IMPACT AREA 1	UR 4617N 07200E 1
SARY-SHAGAN MRBM IMPACT AREA 2	UR 4634N 07236E 1
SARY-SHAGAN MRBM IMPACT AREA 3	UR 4627N 07244E 1
SARY-SHAGAN MRBM IMPACT AREA 4	UR 4628N 07319E 1
SARY-SHAGAN MRBM IMPACT AREA 5	UR 4608N 07240E 1
SARY-SHAGAN MRBM IMPACT AREA 6	UR 4638N 07005E 1
SARY-SHAGAN MRBM IMPACT AREA	UR 4654N 06935E 1
ANTIPINSKOYE SAM TRAINING FACILITY	UR 5251N 11336E 1
CHIN-HSI CRUISE MISSILE LAUNCH SITE	CH 4042N 12052E 1
SARY-SHAGAN IMPACT AREA	UR 4623N 07324E 1
SARY-SHAGAN AMM IMPACT AREA 1	UR 4715N 07100E 1
SARY-SHAGAN AMM IMPACT AREA 2	UR 4753N 06845E 1
SARY-SHAGAN AMM IMPACT AREA 3	UR 4655N 07245E 1
SARY-SHAGAN AMM IMPACT AREA 4	UR 4730N 07615E 1
SARY-SHAGAN AMM IMPACT AREA 5	UR 4910N 06245E 1
SHUANG-CHENG-TZU MTC 630 NM IMPACT AREA	CH 4604N 08723E 1
NENOKSA MISSILE TEST CENTER	UR 6438N 03911E 1

KAPUSTIN YAR 650 NM IMPACT AREA	UR 4740N 06200E 1
DNEPROPETROVSK MISSILE DEVELOP PROD CTR	UR 4826N 03459E 1
MOSKVA MSL&SPA PRPLN DEV CTR KHIMKI 456	UR 5554N 03726E 1
MOSKVA GUIDED MISSILE PLANT 82	UR 5550N 03727E 1
MOSKVA MSL & SPACE DEV CTR KALININGRAD 88	UR 5555N 03748E 1
ZAGORSK ROCKET ENG TEST FAC KRSNOZAVODSK	UR 5625N 03810E 1
KURUMOCH ROCKET ENGINE TEST FACILITY	UR 5332N 04951E 1
PERM ARMAMENT PLANT 172	UR 5802N 05618E 1
GORKIY ARMT PLT NOVOYE SORMOVO/STALIN 92	UR 5620N 04354E 1

Handle Via

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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
Control System Only

TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

MOSKVA AIRCRAFT PLANT DOLGORUDNAYA 464	UR	5555N	03731E	1
KRASNOYARSK ARMS PLANT VOROSHILOV 4	UR	5600N	09259E	1
KRASNOYARSK EXPLOS & PROPELLANTS PLANT 580UR	5602N	09303E	1	
KRASNOYARSK ROCKET ENGINE TEST FACILITY	UR	5606N	09325E	1
KUYBYSHEV AIRFRAME PLANT STALIN 1	UR	5313N	05017E	1
OMSK AIRCRAFT ENGINE PLANT BARANOVA 29	UR	5457N	07325E	1
ZLAToust ARMAMENT PLANT 66	UR	5506N	05942E	*
OMSK ROCKET ENGINE TEST FAC GORNAYA BITIYAUR	5525N	07316E	1	
VORONEZH ROCKET ENGINE TEST FACILITY	UR	5134N	03909E	1
ZAPOROZHYE AIRCRAFT ENGINE PLANT 478	UR	4749N	03511E	1
KAZAN AIRCRAFT ENGINE PLANT 16	UR	5551N	04906E	1
RYBINSK AIRCRAFT ENGINE PLANT 36	UR	5803N	03848E	1
HULWAN MUNITIONS PLANT 63	EG	2952N	03120E	*
AL QAHIRAH AIRFRAME PLANT HULWAN 36	EG	2950N	03118E	*
PEI-CHING GM DEV PROD CTR CHANG-HSIN-TIEN	CH	3950N	11608E	1
PERM ROCKET ENGINE TEST FACILITY	UR	5800N	05634E	1
SARATOV AIRFRAME PLANT 292	UR	5130N	04557E	*
KUYBYSHEV EXPMT AC ENG PLT KR GLINKA 2	UR	5321N	05013E	1
MOSKVA GUIDED MISSILE PLANT 67	UR	5545N	03752E	1
MOSKVA GUIDED MISSILE R&D PLANT KHIMKI 301UR	5553N	03725E	1	
KRASNOARMEYSK SOLID MOTOR DEV FACILITY	UR	5609N	03810E	1
KUYBYSHEV AIRCRAFT ENGINE PLT FRUNZE 24	UR	5311N	05016E	1
PERM AIRCRAFT ENGINE PLANT STALIN 19	UR	5759N	05615E	1
BIYSK ROCKET MOTOR TEST FACILITY	UR	5229N	08507E	1
PERM ROCKET MOTOR TEST FACILITY	UR	5758N	05549E	1
KAMENSK-SHAKTINSKIY RKT MOTOR TEST FAC	UR	4819N	04016E	1
MOSKVA/SUPONINO AFLD. INTERFEROMETER FAC	UR	5552N	03759E	1
NIZHNYAYA SALDA RKT ENGINE TEST FAC	UR	5809N	06056E	*
ZELENOGORSK POSSIBLE STATIC TEST FACILITY	UR	6013N	02943E	1
PEI-CHING AIRFRAME PLANT	CH	3948N	11625E	1
PAO-TOU TANK PLANT 617	CH	4040N	10955E	1

25X6

FAUSTOVO ROCKET ENGINE TEST FACILITY	UR	5528N	03830E	1
PRIMORSK STATIC TEST FACILITY	UR	6018N	02850E	1
IVANKOVO GUIDED MISSILE PLANT	UR	5645N	03707E	1
OPAVA POSSIBLE MRBM SITE	CZ	4957N	01755E	1
FROLOVO PROBABLE INDUSTRIAL FACILITY	UR	4947N	04340E	1
KOSHLSH LANGAR SUSPECT MISSILE TEST AREA	CH	3804N	08032E	*
YASASHNAYA TASHLA PROB MSL ASSOCIATED FAC	UR	5352N	04826E	1
NAN-YANG SUSPECT MISSILE ACTIVITY	CH	3248N	11214E	1
TSANG-SHANG PROBABLE CD POSITIONS	CH	3724N	11956E	1
PAO-TOU SAM SEARCH AREA	CH	4039N	10958E	1
HSING-LUNG-CHUANG SAM SEARCH AREA	CH	3655N	10051E	1
TAI-YUAN SAM SEARCH AREA	CH	3759N	11232E	1
KUYBYSHEV ABM/PROB LR SAM SEARCH AREA	UR	5313N	05014E	1
MINSK ABM/PROB LR SAM SEARCH AREA	UR	5353N	02734E	1
KAZAN ABM/PROB LR SAM SEARCH AREA	UR	5547N	04908E	1
CHELYABINSK PROB LR SAM LAUNCH COMPLEX	UR	5523N	06149E	1
IVANO FRANKOVSK ABM/PROB LR SAM SRCH AREA	UR	4906N	02456E	1

Handle Via

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Control System Only

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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

KOMAROV SUSPECT MISSILE SEARCH AREA	UR 4716N 04115E 1
ZALARI SUSPECT ICBM COMPLEX	UR 5326N 10237E 1
KOMAROVSKIY SUSPECT MISSILE SEARCH	UR 4723N 03819E 1
KHARKOV ABM SEARCH	UR 4959N 03614E 1
DONETSK ABM SEARCH	UR 4800N 03747E 1
SVERDLOVSK ABM SEARCH	UR 5650N 06030E 1
ROSTOV ABM/PROB LONG RANGE SAM SEARCH	UR 4714N 03942E 1
NORDVIK HEN HOUSE SEARCH	UR 7402N 11132E 1
KRASNODVODSK ABM/PROB LONG RANGE SAM SRCH	UR 4000N 05300E 1
DNEPROPETROVSK ABM SEARCH	UR 4828N 03502E 1
KIYEV ABM SEARCH	UR 5027N 03030E 1
GORKIY ABM SEARCH	UR 5615N 04355E 1
AMDERMA HEN HOUSE SEARCH	UR 6945N 06139E 1
VORKUTA HEN HOUSE SEARCH	UR 6730N 06400E 1
NIKOLAYEVSK HEN HOUSE SEARCH	UR 5308N 14040E 1
PETROZAVODSK ABM/PROB LONG RANGE SAM SRCH	UR 6150N 03418E 1
IVANOVO ABM/PROB LONG RANGE SAM SEARCH	UR 5700N 04059E 1
SOCHI ABM/PROB LONG RANGE SAM SEARCH	UR 4335N 03945E 1
KALININGRAD ABM/PROB LONG RANGE SAM SEARCHUR	5445N 02030E 1
OLENEGORSK AMM/PROB LONG RANGE SAM SEARCH	UR 6808N 03318E 1
MURMANSK ABM/PROB LONG RANGE SAM SEARCH	UR 6858N 03305E 1
YAKUTSK HEN HOUSE SEARCH	UR 6205N 12944E 1
TIKSI HEN HOUSE SEARCH	UR 7138N 12851E 1
ODESSA PROB LONG RANGE SAM SEARCH	UR 4629N 03044E 1
NOVOROSSIYSK PROB LONG RANGE SAM SEARCH	UR 4443N 03747E 1
TUAPSE PROB LONG RANGE SAM SEARCH	UR 4405N 03905E 1
ZAPOROZHYE PROB LONG RANGE SAM SEARCH	UR 4750N 03508E 1
SARATOV PROB LONG RANGE SAM SEARCH	UR 5132N 04600E 1
KAMYSHIN PROB LONG RANGE SAM SEARCH	UR 4208N 04140E 1
POTI PROB LONG RANGE SAM SEARCH	UR 4208N 04140E 1
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N 03949E 1
SEVEROMORSK NAVAL MISSILE STORAGE	UR 6905N 03330E 1
SEVEROMORSK NAVAL BASE	UR 6904N 03325E 1
SEVEROMORSK SUBMARINE BASE OKOLNAYA BAY	UR 6905N 03327E 1

25X2

GUBA SAYDA NAVAL MISSILE STORAGE	UR 6915N 03321E 1
GUBA SAYDA SUBMARINE BASE	UR 6915N 03320E 1
GUBA SAYDA NAVAL BASE TOROS	UR 6918N 03325E 1

25X9

GUBA OLENYA SUBMARINE BASE	UR 6913N 03323E 1
POLYARNYY SUBMARINE BASE AND NAVAL BASE	UR 6912N 03328E 1
POLYARNYY NVL MISSILE SUPPORT FAC KISLAYA	UR 6911N 03329E 1
GUBA PALA NAVAL BASE AND SHIP REPAIR YARD	UR 6911N 03325E 1
GUBA LITSA SUBMARINE BASES NORTH & SOUTH	UR 6926N 03224E 1
GUBA LITSA NAVAL MISSILE STORAGE	UR 6923N 03226E 1
GUBA ANDREEVA NUCLEAR SUB SUPPORT FACILITYUR	6926N 03221E 1
GUBA MOTKA NAVAL BASE	UR 6942N 03207E 1
ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT	UR 6901N 03304E 1
VLADIVOSTOK NAVAL BASE BUKHTA NOVIK	UR 4301N 13151E 1

Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2 PCS-80337/67  
Control System Only KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

GUBA URA SUBMARINE BASE	UR 6919N 03250E 1
GUBA ARA NAVAL BASE	UR 6922N 03247E 1
PETROVKA SHIPYARD	UR 4307N 13220E 1
ZALIV STRELOK SUBMARINE BASE PAVLOVSKOGO	UR 4252N 13232E 1
ZALIV STRELOK NAVAL MSL STOR PAVLOVSKOGO	UR 4254N 13234E 1
DUNAY NAVAL MISSILE STORAGE	UR 4256N 13220E 1
DUNAY SUBMARINE BASE BUKHTA RAZBOYNIK	UR 4253N 13221E 1
SEVASTOPOL NVL B & SHPYD SEVMORZAVOD 497	UR 4436N 03332E 1
SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH	UR 4440N 03336E 1
ODESSA NAVAL BASE & SHIPYARD MARTI	UR 4629N 03044E 1
KRONSHTADT NAVAL BASE AND SHIPYARD	UR 5959N 02946E 1
BALAKLAVA SUBMARINE BASE	UR 4430N 03336E 1
TALLINNA NAVAL BASE & SHPYD MORSKOY ZAVOD	UR 5927N 02443E 1
FEODOSIYA NAVAL BASE AND SHIP RPR YARD	UR 4501N 03524E 1
PALDISKI NAVAL BASE	UR 5920N 02404E 1
HSIAO-PING-TAO NAVAL BASE	CH 3848N 12129E 1
MOSKVA ABM SEARCH AREA	UR 5545N 03737E 1
MOSKVA ABM LAUNCH COMPLEX E05	UR 5614N 03835E 1
MOSKVA ABM LAUNCH COMPLEX E33	UR 5620N 03648E 1
MOSKVA ABM LAUNCH COMPLEX E24	UR 5521N 03629E 1
MOSKVA ABM LAUNCH COMPLEX E15	UR 5509N 03822E 1
MOSKVA SAM SITE C30-1	UR 5556N 03655E 1
MOSKVA ABM LAUNCH COMPLEX E31	UR 5607N 03629E 1
MOSKVA SAM SITE C28-1	UR 5549N 03652E 1
MOSKVA ABM LAUNCH COMPLEX E03	UR 5622N 03811E 1
MOSKVA ABM LAUNCH COMPLEX E21	UR 5504N 03701E 1
LENINGRAD PROB LR SAM LCH CPLX SEARCH	UR 5955N 03020E 1
LENINGRAD NE PROB LONG RANGE SAM LCH CPLX	UR 6004N 03043E 1
LENINGRAD SW PROB LONG RANGE SAM LCH CPLX	UR 5943N 02918E 1
BRATSK SUSPECT ABM AREA	UR 5654N 10030E 1
TALLINN PROB LONG RANGE SAM LCH CPLX	UR 5924N 02419E 1
CHEREPOVETS PROB LONG RANGE SAM LCH CPLX	UR 5906N 03810E 1
LIEPAJA PROB LONG RANGE SAM LCH CPLX	UR 5633N 02110E 1
NIZHNYAYA TURA PROB LR SAM LAUNCH CPLX	UR 5847N 05953E 1
KIMRY PROB LONG RANGE SAM LCH CPLX	UR 5646N 03720E 1
MURASHI PROB LONG RANGE SAM LCH CPLX	UR 5927N 04849E 1
KALININ PROB LONG RANGE SAM LCH CPLX	UR 5637N 03552E 1
BABAYEVO PROB LONG RANGE SAM LCH CPLX	UR 5933N 03520E 1
FEODOSIYA PROB LONG RANGE SAM LCH CPLX	UR 4509N 03543E 1
PLESETSK PROB LONG RANGE SAM LAUNCH CPLX	UR 6312N 04109E 1
MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX	UR 5538N 03548E 1
VOLGOGRAD PROB LONG RANGE SAM LCH CPLX	UR 4821N 04417E 1
ANGARSK PROB LONG RANGE SAM LAUNCH CPLX	UR 5242N 10402E 1
KRASNOYARSK PROB LONG RANGE SAM LCH CPLX	UR 5634N 09320E 1
TOMSK PROB LONG RANGE SAM LAUNCH COMPLEX	UR 5636N 08433E 1
KOSTROMA PROB LONG RANGE SAM LCH CPLX	UR 5813N 04138E 1
SHARYA PROB LONG RANGE SAM LAUNCH CPLX	UR 5826N 04530E 1
CHUNG-WEI SAM SITE C02-2	CH 3749N 10523E *
PAO-TOU SAM SITE A05-2	CH 4043N 11002E 1

Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
Control System Only

TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

PEI-CHING SAM SITE B19-2	CH 3939N 11623E 1
PEI-CHING SAM SITE B26-2	CH 3951N 11609E 1
PEI-CHING SAM SITE B35-2	CH 4009N 11618E 1
PEI-CHING SAM SITE C18-2	CH 3934N 11624E 1
SHUANG-CHENG-TZU MTC SAM SITE A12-2	CH 4106N 10020E 1
TE-CHOU SAM SITE A30-2	CH 3730N 11607E *
PYONGYANG SAM SITE C05-2	KN 3916N 12606E *
FEODOSIYA SAM SITE A16-2	UR 4500N 03524E 1
GLAZOV SAM SUPPORT FACILITY	UR 5806N 05240E 1
NOVOROSSIYSK SAM SUPPORT FACILITY	UR 4440N 03746E 1
SEVERODVINSK SAM SITE B02-3	UR 6445N 03958E 1
VOLKOVYSK SAM SITE A34-2	UR 5318N 02421E 1
VOLKOVYSK SAM SITE B19-2	UR 5255N 02425E 1
TING-HSING SAM SITE A13-2	CH 3914N 11549E 1
SHEN-YANG SAM SITE B05-2	CH 4159N 12344E 1
WONSAN SAM SITE A10-2	KN 3908N 12735E *
STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 1	UR 6922N 03413E *
STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 2	UR 6922N 03404E *
STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 3	UR 6921N 03401E *
POTI CRUISE-MISSILE LAUNCH SITE 1	UR 4210N 04139E 1
POTI CRUISE-MISSILE LAUNCH SITE 2	UR 4206N 04140E *
POTI CRUISE-MISSILE LAUNCH SITE 3	UR 4211N 04139E 1
YEN-TAI CRUISE MISSILE LAUNCH SITE	CH 3737N 12123E 1
YANG-MA TAO SUSPECT CD POSITIONS	CH 3729N 12138E 1

25X6

MYS KEKURSKIY PROB CRUISE-MISSILE SITE	UR 6953N 03209E *
MYS KEKURSKIY CRUISE-MISSILE SUPPORT FAC	UR 6953N 03209E *
BATUMI CRUISE-MISSILE LAUNCH SITES	UR 4136N 04135E 1
SUPSA CRUISE-MISSILE LAUNCH SITE	UR 4158N 04147E *
BOBROVSKIY REGIONAL MILITARY STOR INSTLN	UR 5640N 06105E 1
GLAZOV REGIONAL MILITARY STOR INSTLN	UR 5751N 05316E 1

25X2

NOVAYA MEZINOVKA IRBM REAR DEPOT	UR 5330N 02655E *
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25X2

SUROVATIKHA REGIONAL MILITARY STOR INSTLN	UR 5543N 04352E 1
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25X2

TAMBOV REGIONAL MILITARY STORAGE INSTLN	UR 5227N 04127E 1
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MOSKVA SAM STORAGE SITE 1	UR 5559N 03820E 1
MOSKVA SAM STORAGE SITE 2	UR 5541N 03827E 1
MOSKVA SAM STORAGE SITE 3	UR 5519N 03754E 1
MOSKVA SAM STORAGE SITE 4	UR 5519N 03727E 1
MOSKVA SAM STORAGE SITE 5	UR 5537N 03653E 1
MOSKVA SAM STORAGE SITE 6	UR 5551N 03651E 1
MOSKVA SAM STORAGE SITE 7	UR 5607N 03729E 1
SUROK SAM ASSEMBLY AND SUPPORT FACILITY	UR 5627N 04809E 1

25X6

NIZHNIY TAGIL SAM SUPPORT FACILITY	UR 5752N 06002E 1
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Handle Via

TALENT-KEYHOLE Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001TCS-80337/67  
Control System Only KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

NIZHNYAYA TURA SAM SUPPORT FACILITY	UR 5839N 05936E 1
MOSKVA SA-3 SAM TRAINING FACILITY	UR 5600N 03626E 1
LENINGRAD SAM TRAINING FACILITY	UR 6007N 03059E 1
SHAN-TAN SAM TRAINING AREA A	CH 3846N 10105E 1
SHAN-TAN SAM TRAINING AREA B	CH 3857N 10108E 1
KALININ SAM TRAINING FACILITY	UR 5652N 03552E 1
USSURIYSK SAM TRAINING AREA B19-2	UR 4333N 13156E *
KIYEV PROB LONG RANGE SAM LAUNCH COMPLEX	UR 5014N 03005E 1
NEYA PROB LONG RANGE SAM LAUNCH COMPLEX	UR 5822N 04348E 1
SAMBOR TACTICAL SSM SUPPORT FACILITY	UR 4928N 02315E 1
POLESSK SAM SITE A17-2	UR 5450N 02106E 1

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**Attachments**

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

Handle Via  
TALENT-KEYHOLE

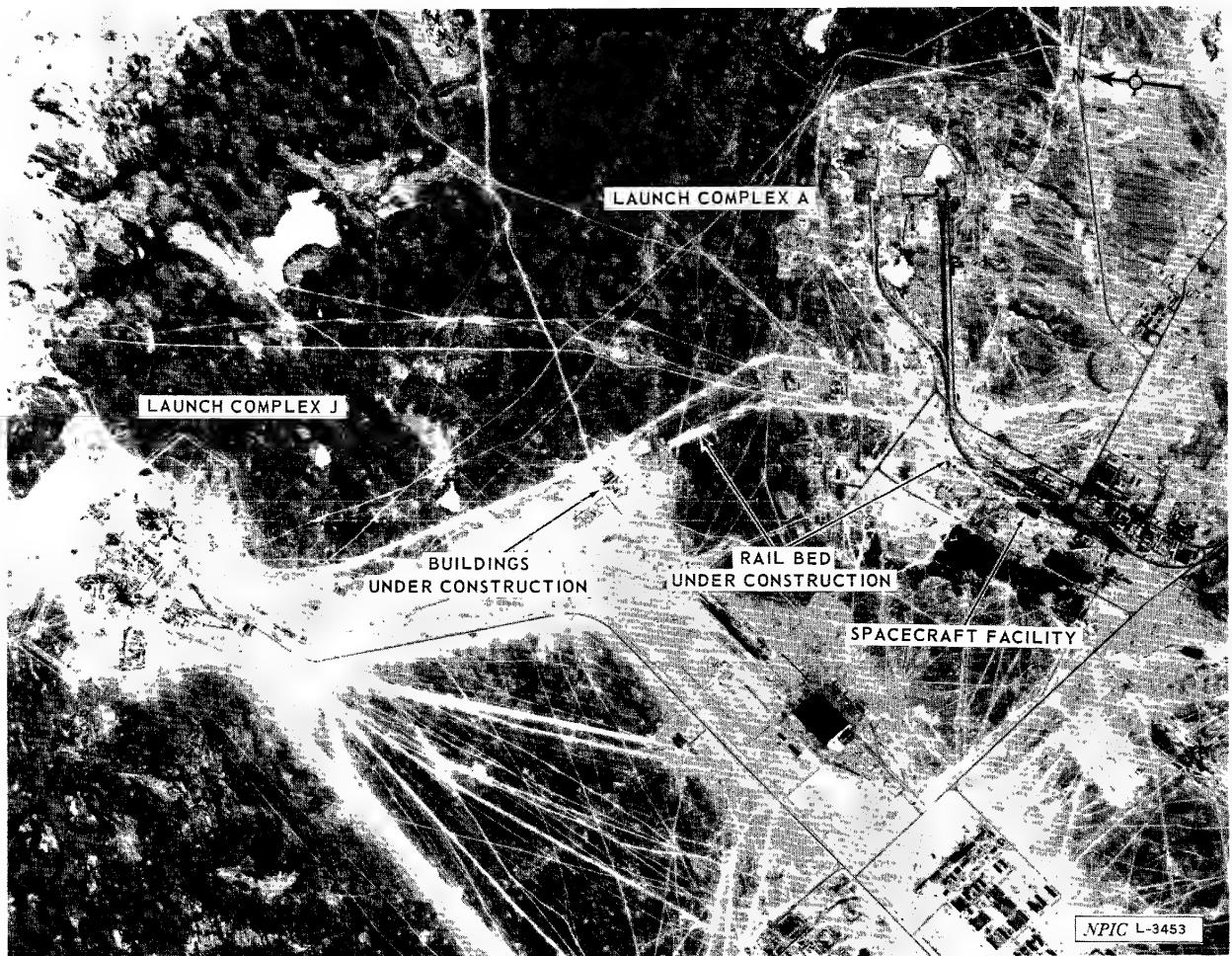
Control System Only

**TOP SECRET CHESS RUFF**

KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67

ATTACHMENT 1



LAUNCH COMPLEXES A AND J, TYURATAM MISSILE TEST CENTER, USSR

25X1A

**TOP SECRET CHESS RUFF**

Handle Via  
TALENT-KEYHOLE  
Control System Only

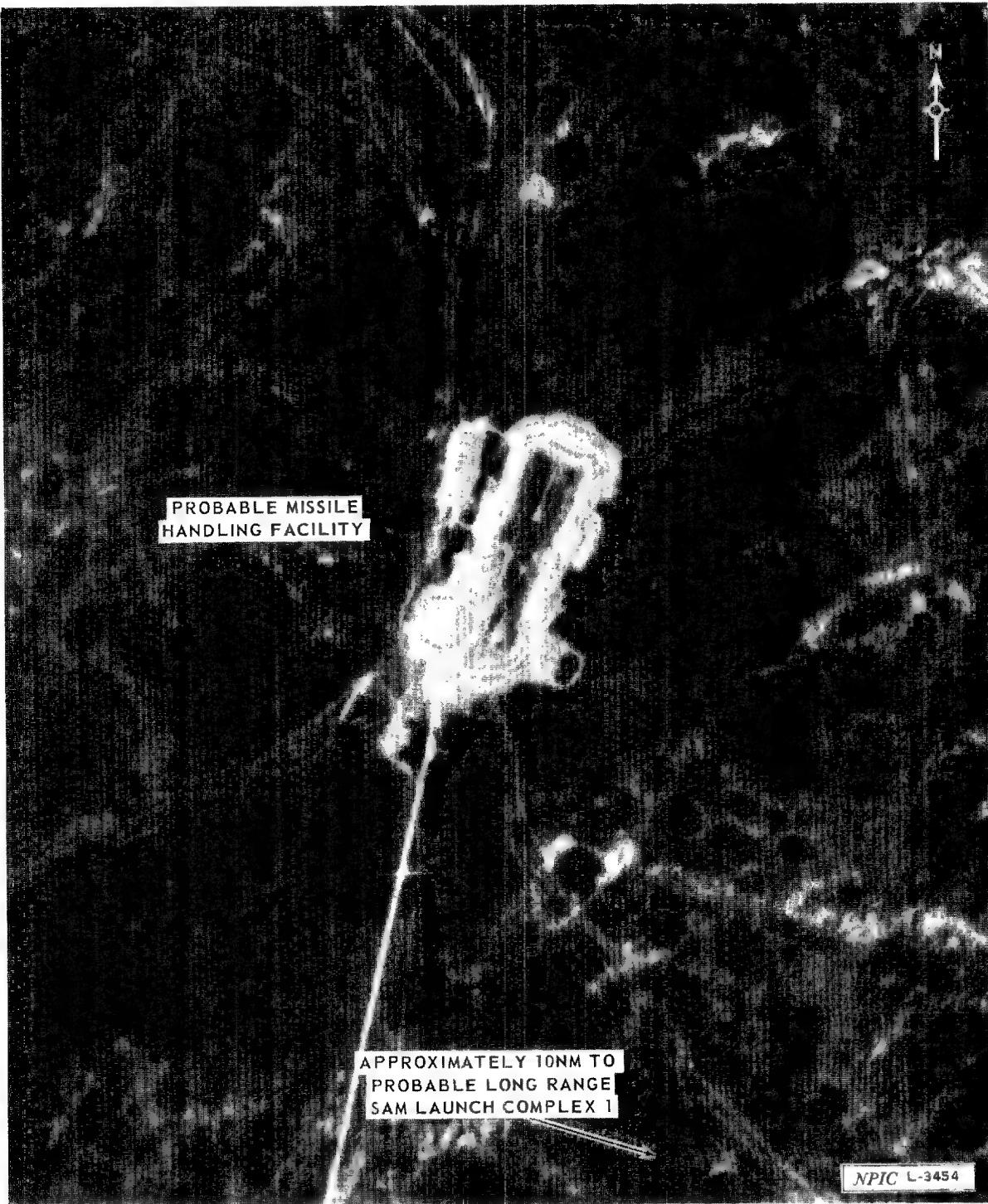
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Control System Only

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TCS-80337/67

KH-4 MISSION 1041, 10 23 MAY 1967

ATTACHMENT 2



P1 RS LAUNCH COMPLEX 1, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

25X1A

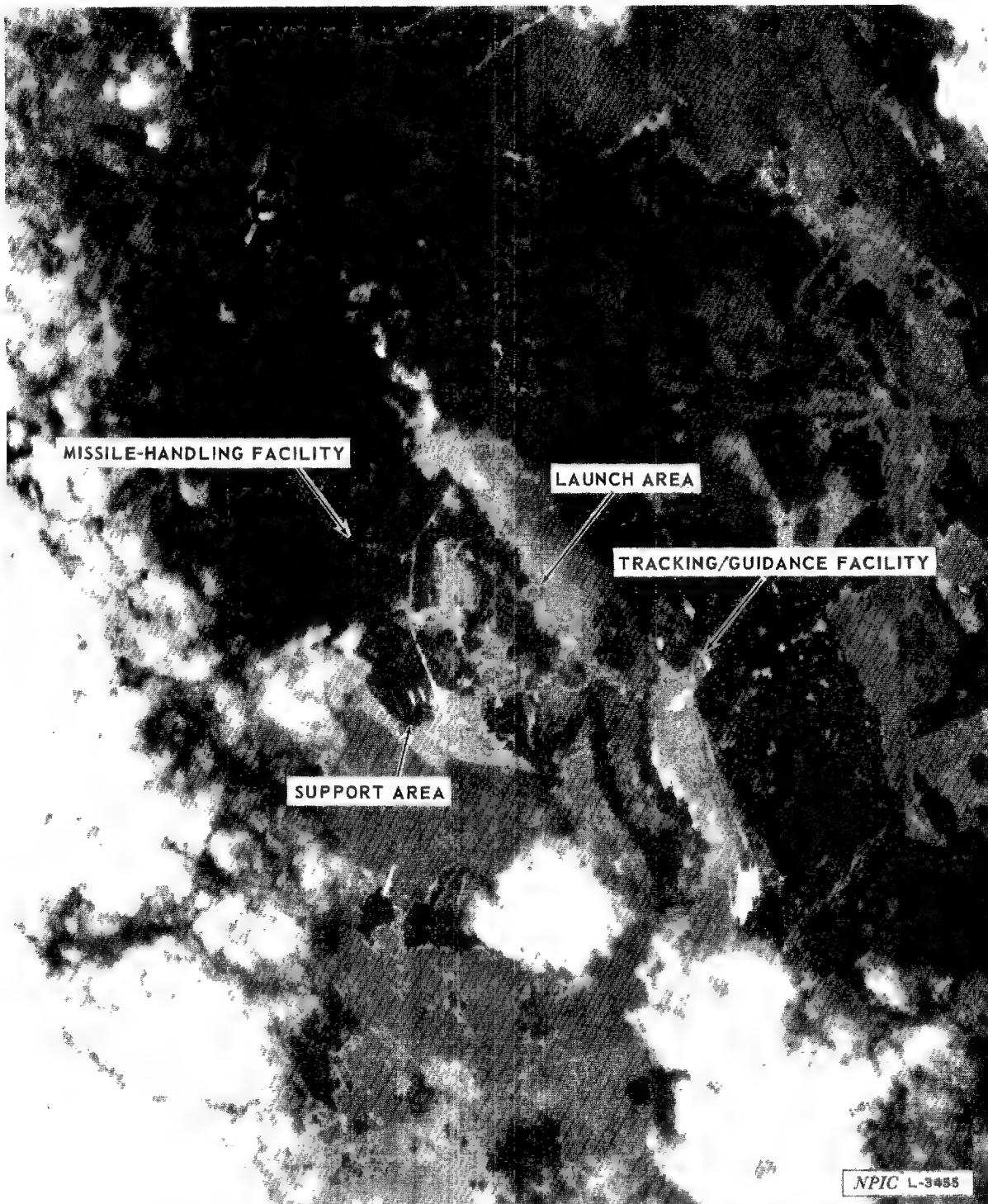
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Control System Only

Handle Via  
TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP89T01396R000100370001-2 TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

ATTACHMENT 3



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, CHELYABINSK, USSR

25X1A

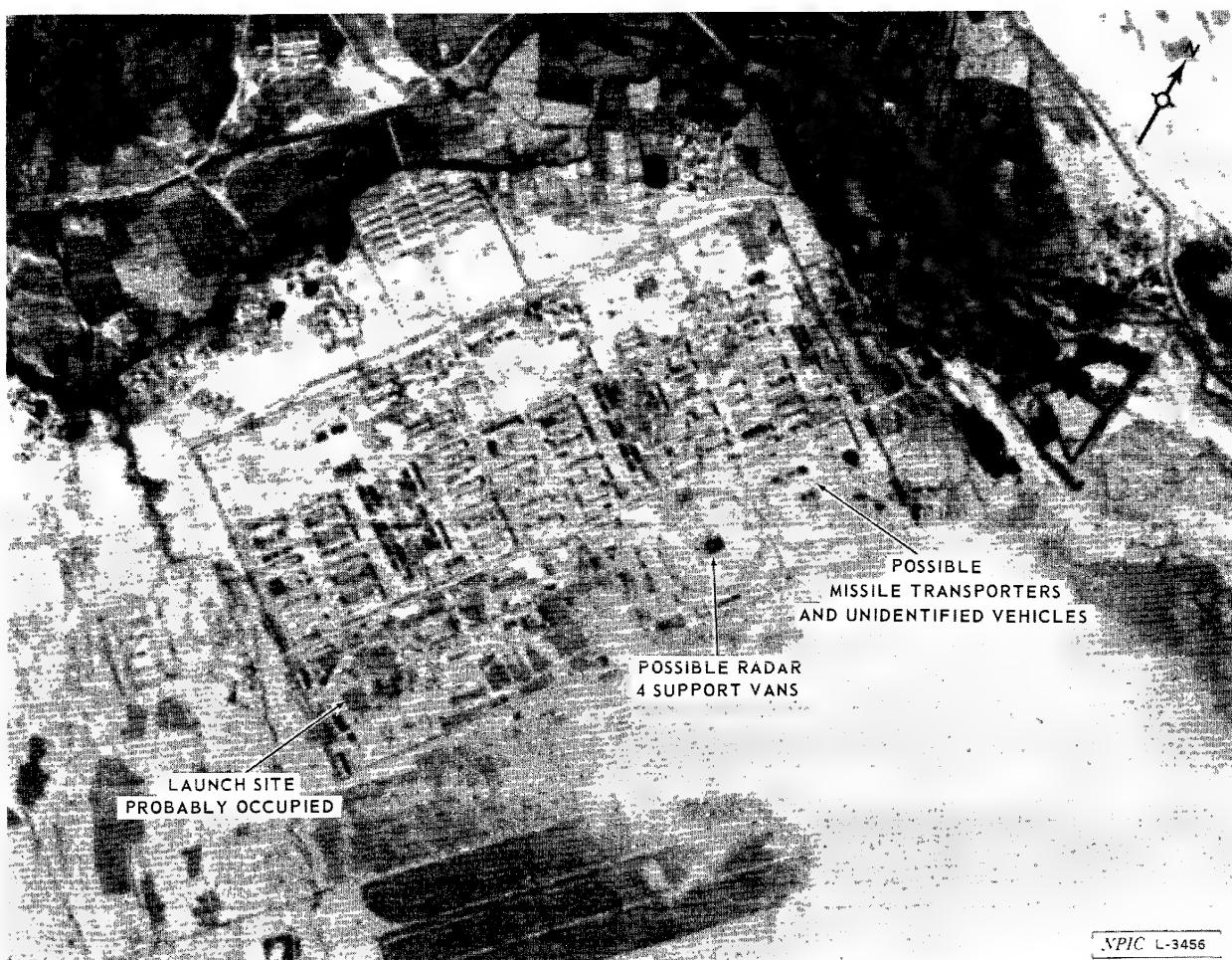
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Handle Via  
Control System Only

TOP SECRET CHESS RUFF

Handle Via  
TALENT KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF  
KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80337/67  
ATTACHMENT 4



25X1A

TOP SECRET CHESS RUFF

Handle Via  
TALENT KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

Handle Via  
TALENT-KEYHOLE

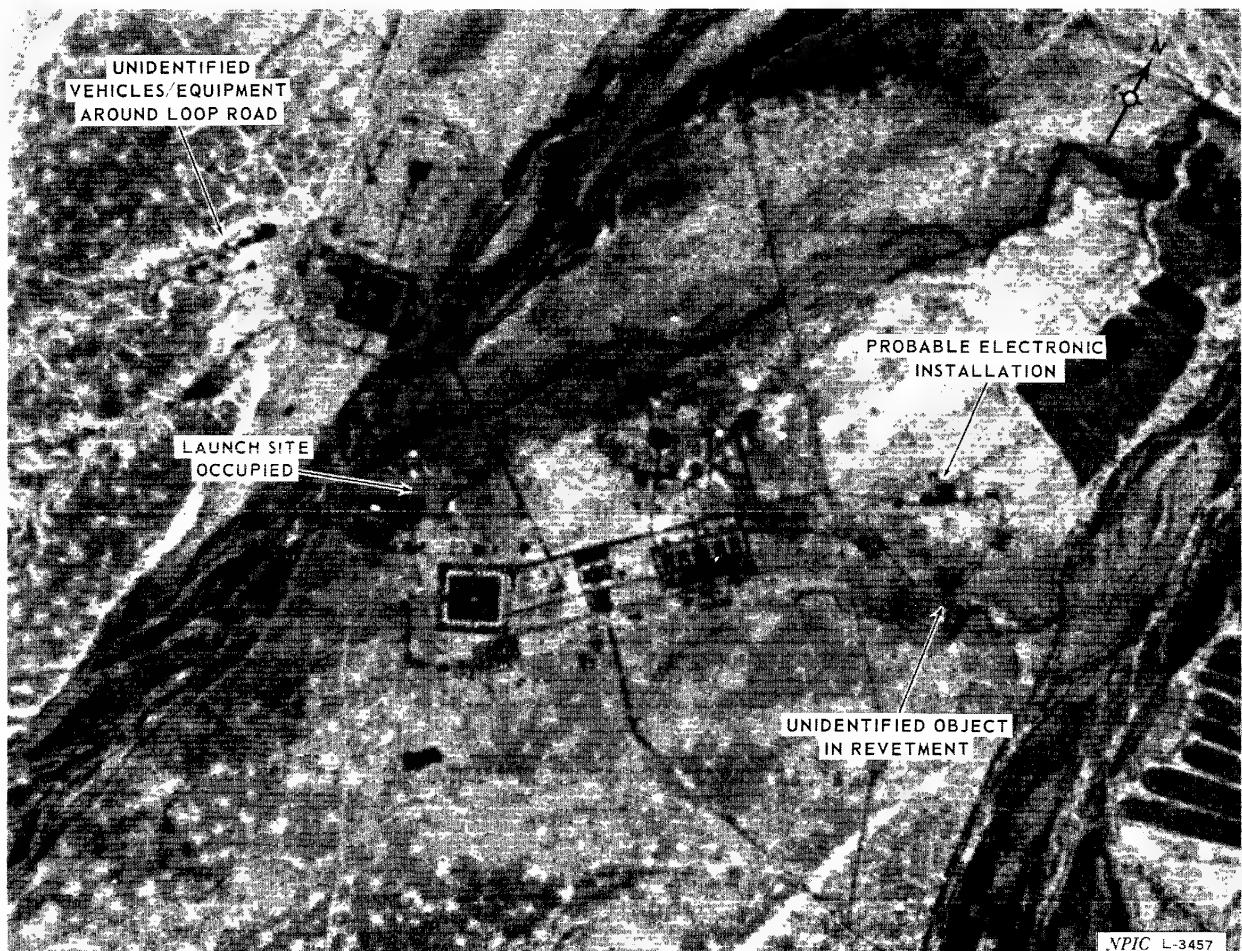
TOP SECRET CHESS RUFF

TCS-80337/67

Handle Via  
TALENT-KEYHOLE  
Control System Only

KH-4 MISSION 1041. 10-23 MAY 1967

ATTACHMENT 5



SAM TRAINING AREA B, SHAN-TAN, CHINA

25X1A

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

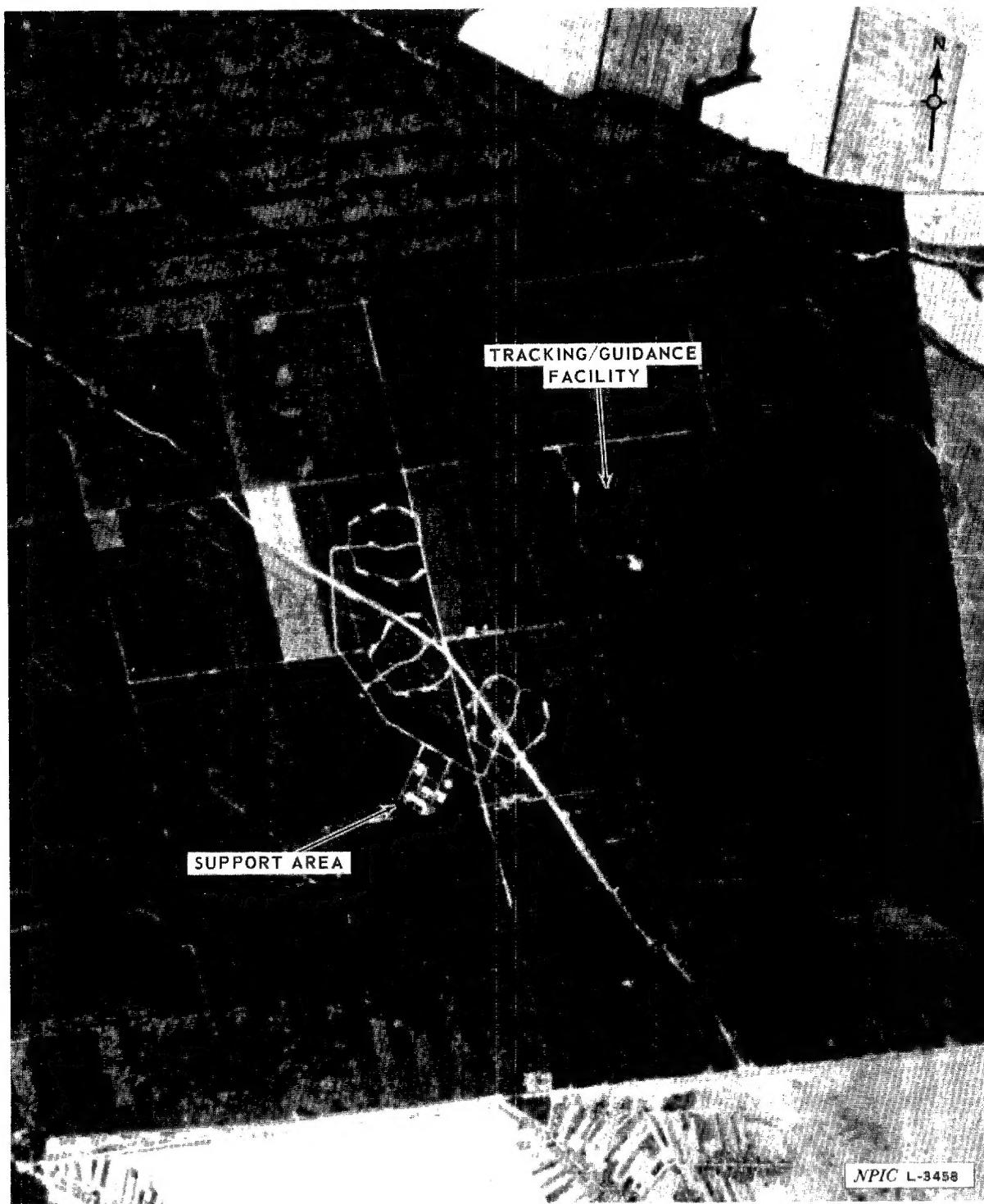
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Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
TOP SECRET CHESS RUFF

TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

ATTACHMENT 6



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, KIYEV, USSR (MISSILE BONUS)

Handle Via  
TALENT-KEYHOLE  
Control System Only

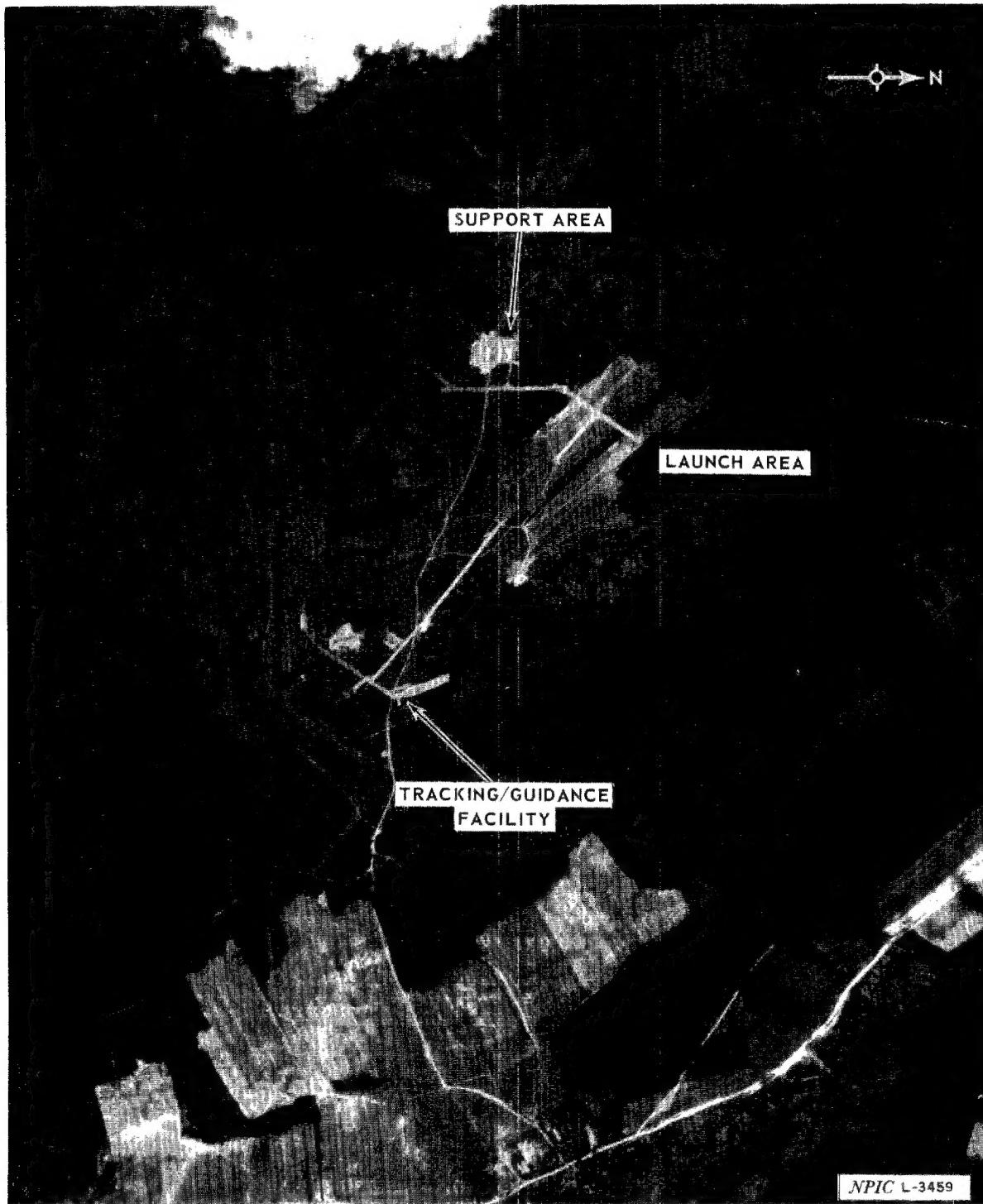
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Handle Via  
TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2 TCS-80337/67

KH-4 MISSION 1041, 10-23 MAY 1967

ATTACHMENT 7



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, NEYA, USSR (MISSILE BONUS)

NPIC L-3459

Handle Via  
TALENT-KEYHOLE  
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TOP SECRET CHESS RUFF

25X6

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
**TOP SECRET**

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100370001-2  
**TOP SECRET**